

Converting Colors

XYZ(75.6171, 91.9978, 76.6496)

Have a look what the booklet for
XYZ(75.6171, 91.9978, 76.6496)
contains.

XYZ(74.6342, 90.1730, 76.4223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.6342, 90.1730,
76.4223)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FFD5
RGB	211, 255, 213
RGB Percent	83%, 100%, 84%
CMY	0.1725, 0.0000, 0.1647
CMYK	0.17, 0.00, 0.16, 0.00
HSL	123°, 100%, 91%
HSV	123°, 17%, 100%
XYZ	74.6342, 90.1730, 76.4223
YIQ	237.0560, -12.7420, -22.3900

Conversions

Conversions Part 2

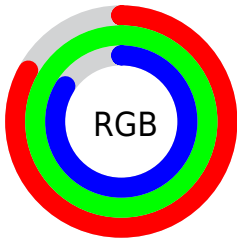
Format	Color
RYB	211, 253, 255
Decimal	13893589
CIELab	96.07, -21.77, 15.48
CIELCh	96, 26.713, 144.578
Yxy	90.1730, 0.3094, 0.3738
Android (android.graphics.Color)	4292083669 (0xFFD3FFD5)
YUV	237.0560, -11.8596, -22.8511
Hunter-Lab	94.9595, -25.8855, 18.7557

Details

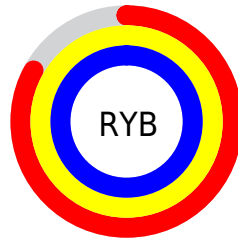
The XYZ color **74.6342, 90.1730, 76.4223** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.2641, 74.9410, 103.0571**, and the grayscale version is **80.6344, 84.8337, 92.3838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0759, 49.9247, 39.8720** is the 20% darker color. If you saturate the color by 10%, you get **65.0374, 85.5562, 61.0379**, and if you desaturate by 10%, it is **85.8549, 95.5733, 94.3058**.

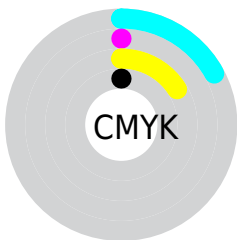
Distribution



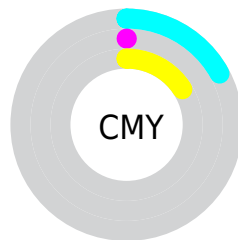
- Red (83%)
- Green (100%)
- Blue (84%)



- Red (83%)
- Yellow (99%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6342, 90.1730, 76.4223 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.6342, 90.1730, 76.4223 by changing the saturation by 10% instead.


 74.6342, 90.1730,
76.4223

 74.6342, 90.1730,
76.4223


465.6759,
528.5935, 502.1773

 55.6064, 68.1241,
56.2701


124.7851,
147.5787, 130.0892

 40.1232, 49.9987,
40.0141


156.6389,
183.7043, 164.4411

 27.8192, 35.4124,
27.2357


193.4987,
225.2909, 204.3632

 18.3292, 23.9807,
17.5163

235.7300,
272.7230, 250.2742

 11.2877, 15.3193,
10.4374

283.6979,
326.3849, 302.5926

 6.3294, 9.0438,
5.5806

337.7680,

 3.0890, 4.7698,

386.6610, 361.7368

2.5271

398.3055,
453.9357, 428.1256

■ 1.2010, 2.1128,
0.8545

■ 0.1071, 0.6718,
0.0000

■ 74.6342, 90.1730,
76.4223

■ 74.6342, 90.1730,
76.4223

■ 65.0374, 85.5562,
61.0379

■ 85.8549, 95.5733,
94.3058

■ 56.9874, 81.6857,
48.0376

95.0500, 100.0000,
108.9000

■ 50.4038, 78.5225,
37.3033

■ 45.1983, 76.0239,
28.7054

■ 41.2730, 74.1424,
22.1011

■ 38.5169, 72.8243,
17.3303

■ 36.8004, 72.0068,
14.2082

■ 35.9591, 71.6098,
12.5111

■ 35.8239, 71.5456,
12.2566

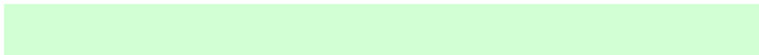
Harmonies

Analogous

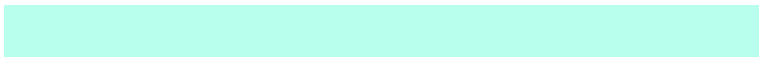
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9277, 90.1730, 65.6123



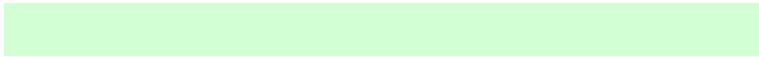
74.6342, 90.1730, 76.4223



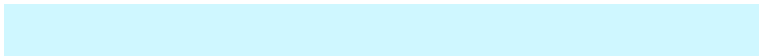
72.3167, 90.1730, 94.3856

Triad

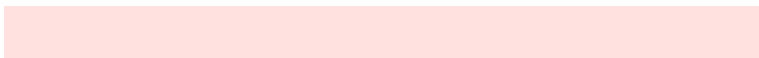
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6342, 90.1730, 76.4223



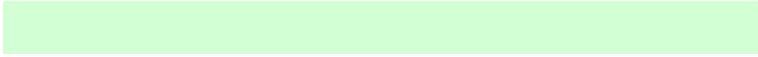
84.3703, 90.1730, 144.5571



99.2981, 90.1730, 82.2010

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.6342, 90.1730, 76.4223



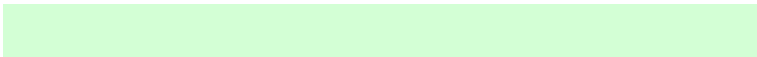
82.2641, 74.9410, 103.0571

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.6552, 90.1730, 102.0810



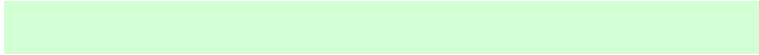
74.6342, 90.1730, 76.4223



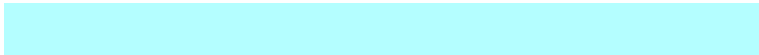
91.7578, 90.1730, 140.0651

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



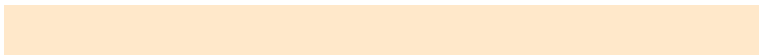
74.6342, 90.1730, 76.4223



77.7271, 90.1730, 135.2458



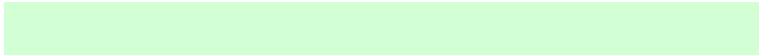
97.8236, 90.1730, 123.7261



94.2146, 90.1730, 68.5973

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6342, 90.1730, 76.4223



72.6693, 90.1730, 108.7935



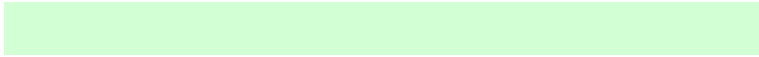
97.8236, 90.1730, 123.7261



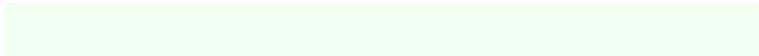
100.2171, 90.1730, 88.2860

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.6349, 90.1733, 76.4237



88.6158, 96.9023, 98.6928



88.2205, 97.2061, 75.7418



18.7812, 20.6515, 20.8286



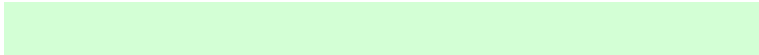
0.0000, 0.0000, 0.0000



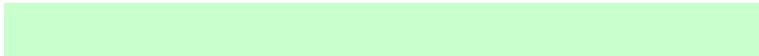
20.3446, 21.4041, 23.3091

Same Dimension

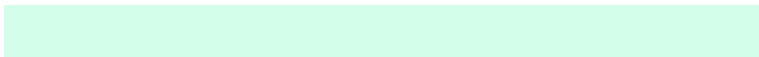
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6349, 90.1733, 76.4237



70.8539, 88.3541, 70.3742



77.5429, 91.3365, 91.7371



17.8050, 20.1815, 19.2763



18.7330, 37.3898, 6.4794



1.8352, 3.6450, 0.6901

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82.2641, 74.9410, 103.0571



79.8921, 70.3076, 101.9255



79.0340, 73.6489, 86.0475



18.7549, 18.2853, 22.5923



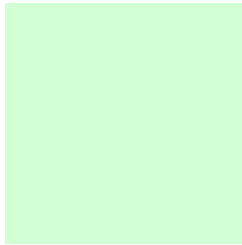
30.0496, 14.5091, 45.7731



2.9364, 1.4169, 4.5126

Previews

White Background



This preview shows how the XYZ color 74.6342, 90.1730, 76.4223 looks on a white background.

Color Contrast Check

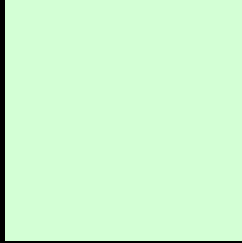
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.6342, 90.1730, 76.4223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

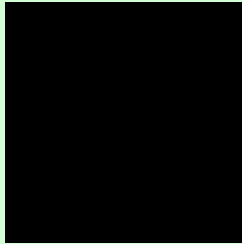
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

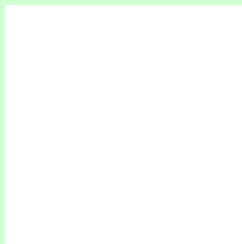
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6342, 90.1730, 76.4223

Background



This preview shows how black text looks on a background with the XYZ color 74.6342, 90.1730, 76.4223.



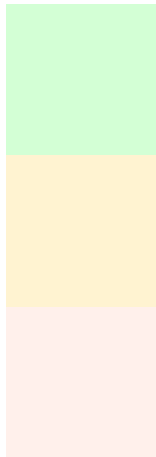
This preview shows how white text looks on a background with the XYZ color 74.6342, 90.1730,

76.4223.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.6342, 90.1730, 76.4223

Protanopia

84.7992, 89.9646, 73.2171

Deuteranopia

87.3955, 89.5783, 91.2814



Tritanopia

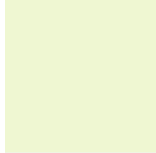
84.3067, 89.8485, 107.5068

Trichromacy



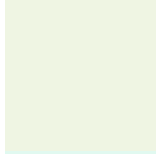
Original Color

74.6342, 90.1730, 76.4223



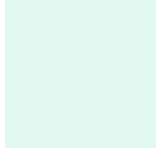
Protanomaly

80.4902, 89.5254, 74.0106



Deuteranomaly

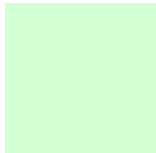
82.1141, 89.2016, 85.5628



Tritanomaly

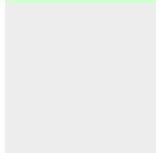
80.6552, 90.0502, 95.5685

Monochromacy



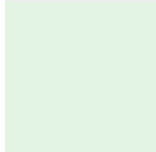
Original Color

74.6342, 90.1730, 76.4223



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.3492, 86.7968, 86.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6342, 90.1730, 76.4223 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(211, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(211, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 74.6342, 90.1730, 76.4223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

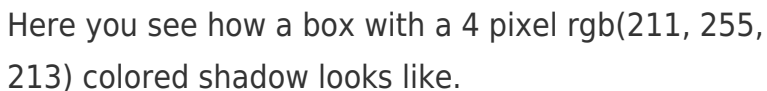
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 255, 213) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(211, 255, 213) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(211, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 255, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 255, 213); box-shadow:4px 4px 4px 4px rgb(211, 255, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6342, 90.1730, 76.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(211,  
255, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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