

Converting Colors

XYZ(74.0884, 90.2016, 62.3899)

Have a look what the booklet for
XYZ(74.0884, 90.2016, 62.3899)
contains.

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Color

**XYZ(73.9677, 90.1431,
62.2161)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFBE
RGB	218, 255, 190
RGB Percent	85%, 100%, 75%
CMY	0.1451, 0.0000, 0.2549
CMYK	0.15, 0.00, 0.25, 0.00
HSL	94°, 100%, 87%
HSV	94°, 25%, 100%
XYZ	73.9677, 90.1431, 62.2161
YIQ	236.5270, -1.1870, -28.0590

Conversions

Conversions Part 2

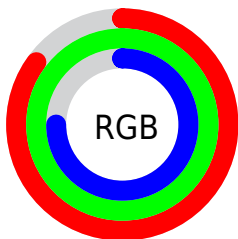
Format	Color
RYB	190, 255, 227
Decimal	14352318
CIELab	96.06, -23.09, 27.24
CIELCh	96, 35.709, 130.292
Yxy	90.1431, 0.3268, 0.3983
Android (android.graphics.Color)	4292542398 (0xFFDAFFBE)
YUV	236.5270, -22.9378, -16.2482
Hunter-Lab	94.9437, -27.0877, 27.6082

Details

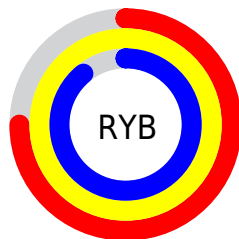
The XYZ color **73.9677, 90.1431, 62.2161** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.1430, 60.3791, 102.6705**, and the grayscale version is **80.3034, 84.4855, 92.0047**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **39.5383, 49.8471, 30.8301** is the 20% darker color. If you saturate the color by 10%, you get **67.2673, 86.9833, 48.6044**, and if you desaturate by 10%, it is **81.5370, 93.6945, 78.4164**.

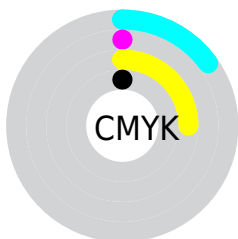
Distribution



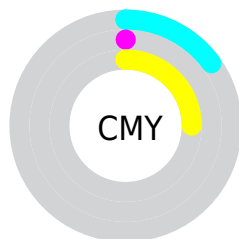
- Red (85%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9677, 90.1431, 62.2161 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 73.9677, 90.1431, 62.2161 by changing the saturation by 10% instead.


 73.9677, 90.1431,
62.2161

 73.9677, 90.1431,
62.2161

463.4139,
528.4962, 450.7483

 55.0588, 68.0993,
44.7704


 123.8458,
147.5371, 109.6124

 39.6828, 49.9786,
30.9350


155.5456,
183.6562, 140.4001

 27.4744, 35.3964,
20.2913


192.2399,
225.2359, 176.4723

 18.0683, 23.9684,
12.4208

234.2938,
272.6604, 218.2474

 11.0990, 15.3101,
6.9049

282.0728,
326.3144, 266.1440

 6.2013, 9.0373,
3.3252

335.9423,

 3.0097, 4.7655,

386.5821, 320.5807

1.2630

396.2675,
453.8479, 381.9759

■ 1.1589, 2.1104,
0.0312

■ 0.0735, 0.6704,
0.0000

■ 73.9677, 90.1431,
62.2161

■ 73.9677, 90.1431,
62.2161

■ 67.2673, 86.9833,
48.6044

■ 81.5370, 93.6945,
78.4164

■ 61.3991, 84.1991,
37.4430

■ 90.0066, 97.6510,
97.3256

■ 56.3259, 81.7745,
28.5869

95.0500, 100.0000,
108.9000

■ 52.0065, 79.6919,
21.8741

■ 48.3951, 77.9316,
17.1217

■ 45.4397, 76.4715,
14.1160

■ 43.0780, 75.2853,
12.5931

■ 42.1710, 74.8250,
12.2200

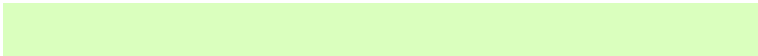
Harmonies

Analogous

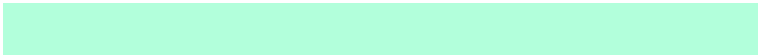
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3279, 90.1431, 53.7508



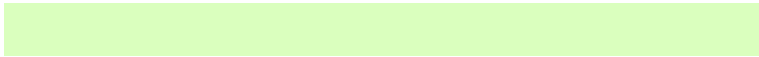
73.9677, 90.1431, 62.2161



69.0048, 90.1431, 80.9176

Triad

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



73.9677, 90.1431, 62.2161



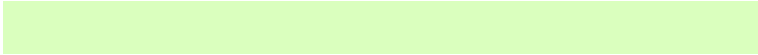
79.4284, 90.1431, 158.8174



105.7685, 90.1431, 88.7449

Complementary

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



73.9677, 90.1431, 62.2161



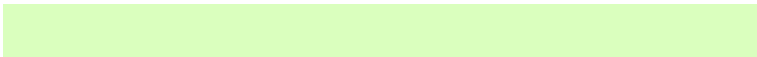
68.1430, 60.3791, 102.6705

Split Complementary

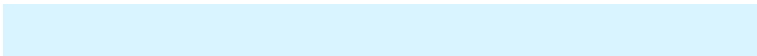
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.8421, 90.1431, 117.6714



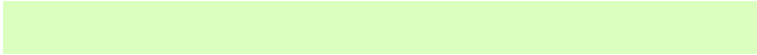
73.9677, 90.1431, 62.2161



89.1184, 90.1431, 162.0258

Square

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



73.9677, 90.1431, 62.2161



71.9856, 90.1431, 137.7188



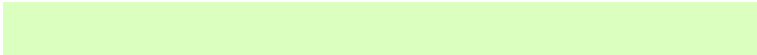
98.5640, 90.1431, 145.7895



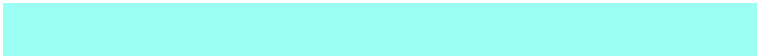
101.0057, 90.1431, 66.9953

Rectangle

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



73.9677, 90.1431, 62.2161



68.0459, 90.1431, 98.4278



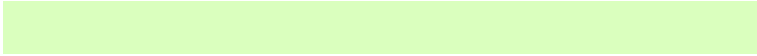
98.5640, 90.1431, 145.7895



106.1204, 90.1431, 97.8737

Sweetspot

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



73.9682, 90.1434, 62.2175



87.7937, 96.6188, 92.3167



77.9583, 79.8254, 60.0156



18.5136, 20.5507, 19.1352



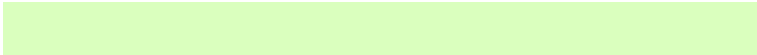
0.0000, 0.0000, 0.0000



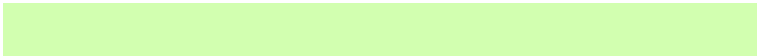
20.3446, 21.4041, 23.3091

Same Dimension

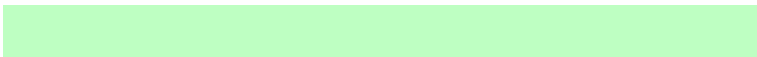
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9682, 90.1434, 62.2175



70.1703, 88.3545, 54.4041



66.7712, 86.3776, 64.3901



18.5136, 20.5507, 19.1352



22.1985, 39.1818, 6.3929



2.2836, 3.8780, 0.6282

Inverse Universe

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



68.1430, 60.3791, 102.6705



63.3686, 53.6151, 101.6166



77.0141, 65.0320, 99.4850



17.9928, 17.8880, 22.7544



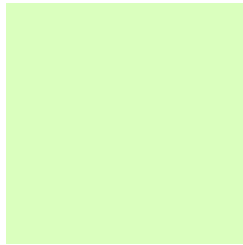
15.7218, 7.0154, 49.9601



1.6560, 0.7476, 4.8703

Previews

White Background



This preview shows how the XYZ color 73.9677, 90.1431, 62.2161 looks on a white background.

Color Contrast Check

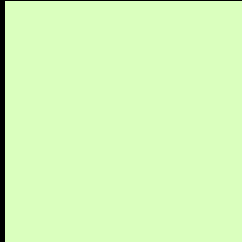
Large Text (above 18pt) WCAG AA × Fail

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 73.9677, 90.1431, 62.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

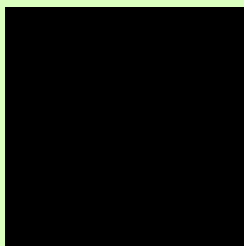
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

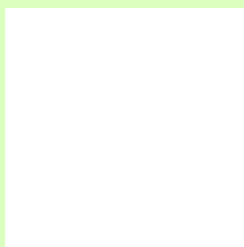
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9677, 90.1431, 62.2161

Background



This preview shows how black text looks on a background with the XYZ color 73.9677, 90.1431, 62.2161.

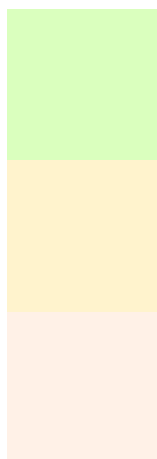


This preview shows how white text looks on a background with the XYZ color 73.9677, 90.1431,

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

73.9677, 90.1431, 62.2161

Protanopia

84.3100, 89.7690, 70.6411

Deuteranopia

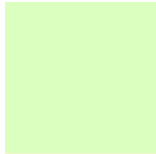
87.1191, 89.9401, 88.3698



Tritanopia

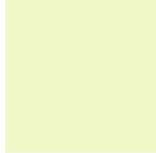
84.9928, 89.7542, 107.4524

Trichromacy



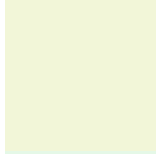
Original Color

73.9677, 90.1431, 62.2161



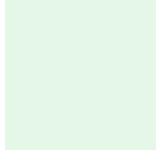
Protanomaly

80.3040, 89.5689, 67.6996



Deuteranomaly

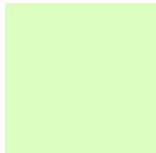
81.9684, 89.7466, 77.9684



Tritanomaly

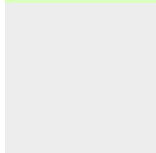
80.3043, 89.5623, 88.6561

Monochromacy



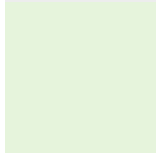
Original Color

73.9677, 90.1431, 62.2161



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

77.9021, 86.6917, 80.3374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9677, 90.1431, 62.2161 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(218, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 190)  
}
```

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(218, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 73.9677, 90.1431, 62.2161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

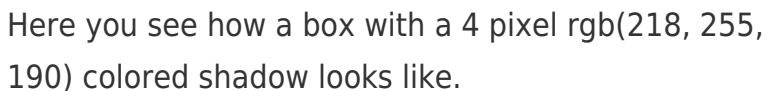
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 255, 190) }
```


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

```
.border{ border-color:rgb(218, 255, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 255, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 255, 190); box-shadow:4px 4px 4px 4px rgb(218, 255, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9677, 90.1431, 62.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 190) }
```

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

```
.background{ background-color: rgb(218,  
255, 190) }
```

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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