

Converting Colors

XYZ(78.4488, 94.5012, 74.0901)

Have a look what the booklet for
XYZ(78.4488, 94.5012, 74.0901)
contains.

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Color

**XYZ(76.9640, 91.4462,
73.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFD0
RGB	221, 255, 208
RGB Percent	87%, 100%, 82%
CMY	0.1333, 0.0000, 0.1843
CMYK	0.13, 0.00, 0.18, 0.00
HSL	103°, 100%, 91%
HSV	103°, 18%, 100%
XYZ	76.9640, 91.4462, 73.2690
YIQ	239.4760, -5.1770, -21.8250

Conversions

Conversions Part 2

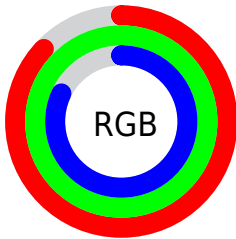
Format	Color
R _Y B	208, 255, 242
Decimal	14548944
CIE Lab	96.59, -19.28, 18.87
CIE LCh	97, 26.975, 135.622
Yxy	91.4462, 0.3185, 0.3784
Android (android.graphics.Color)	4292739024 (0xFFDDFFD0)
YUV	239.4760, -15.5177, -16.2035
Hunter-Lab	95.6275, -23.6858, 21.5117

Details

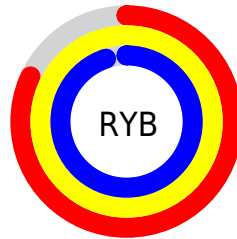
The XYZ color **76.9640, 91.4462, 73.2690** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.2246, 71.2102, 104.2825**, and the grayscale version is **82.5347, 86.8329, 94.5611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6697, 50.7951, 37.7452** is the 20% darker color. If you saturate the color by 10%, you get **68.7629, 87.5522, 57.8036**, and if you desaturate by 10%, it is **86.2880, 95.8608, 91.4226**.

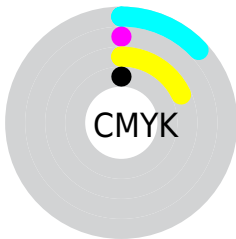
Distribution



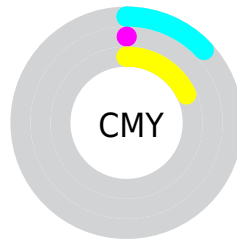
- Red (87%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9640, 91.4462, 73.2690 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 76.9640, 91.4462, 73.2690 by changing the saturation by 10% instead.

 76.9640, 91.4462,
73.2690

 76.9640, 91.4462,
73.2690


473.5351,
532.7241, 491.0423

 57.5231, 69.1807,
53.7028


128.0618,
149.3456, 125.5835

 41.6672, 50.8589,
37.9725


160.4494,
185.7483, 159.1688

 29.0307, 36.0963,
25.6597


197.8834,
227.6323, 198.2643

 19.2485, 24.5086,
16.3458

240.7290,
275.3819, 243.2884

 11.9550, 15.7113,
9.6122

289.3516,
329.3814, 294.6597

 6.7850, 9.3201,
5.0403

344.1166,

 3.3732, 4.9506,

390.0154, 352.7968

2.2118

405.3893,
457.6682, 418.1182

■ 1.3540, 2.2183,
0.6812

■ 0.2231, 0.7299,
0.0000

■ 76.9640, 91.4462,
73.2690

■ 76.9640, 91.4462,
73.2690

■ 68.7629, 87.5522,
57.8036

■ 86.2880, 95.8608,
91.4226

■ 61.6389, 84.1580,
44.8947

95.0500, 100.0000,
108.9000

■ 55.5457, 81.2427,
34.4055

■ 50.4326, 78.7835,
26.1849

■ 46.2445, 76.7555,
20.0650

■ 42.9199, 75.1314,
15.8544

■ 40.3890, 73.8800,
13.3268

■ 38.5620, 72.9619,
12.1656

■ 38.3242, 72.8419,
12.0400

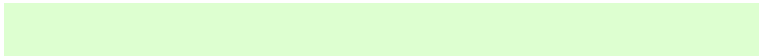
Harmonies

Analogous

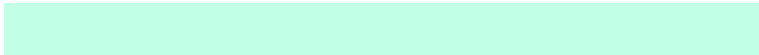
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0722, 91.4462, 64.7057



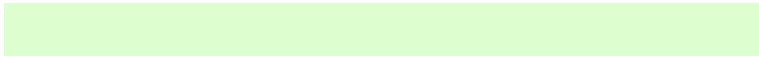
76.9640, 91.4462, 73.2690



73.6198, 91.4462, 89.6136

Triad

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



76.9640, 91.4462, 73.2690



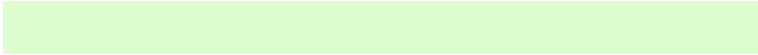
83.3673, 91.4462, 145.4322



101.6354, 91.4462, 88.8049

Complementary

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



76.9640, 91.4462, 73.2690



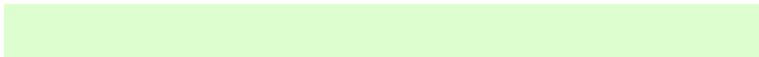
77.2246, 71.2102, 104.2825

Split Complementary

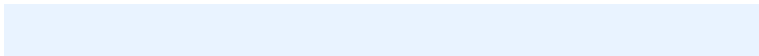
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.7257, 91.4462, 110.2365



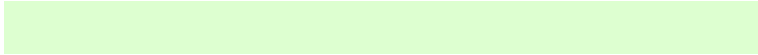
76.9640, 91.4462, 73.2690



90.8784, 91.4462, 145.1322

Square

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



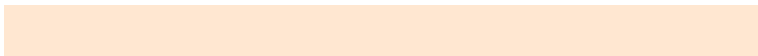
76.9640, 91.4462, 73.2690



77.1693, 91.4462, 132.2807



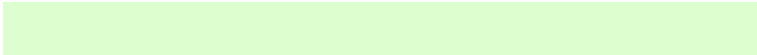
97.6928, 91.4462, 131.5124



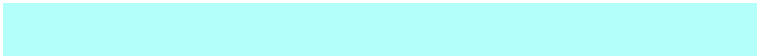
97.4526, 91.4462, 72.7511

Rectangle

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



76.9640, 91.4462, 73.2690



73.2764, 91.4462, 103.6911



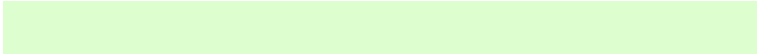
97.6928, 91.4462, 131.5124



102.1531, 91.4462, 95.5583

Sweetspot

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



76.9646, 91.4465, 73.2704



88.7282, 97.0144, 96.2538



84.2836, 89.1305, 72.4376



18.8497, 20.6980, 20.3209



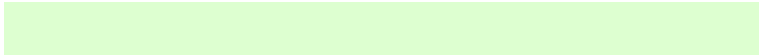
0.0000, 0.0000, 0.0000



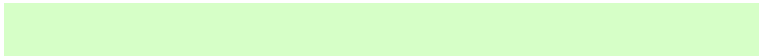
20.3446, 21.4041, 23.3091

Same Dimension

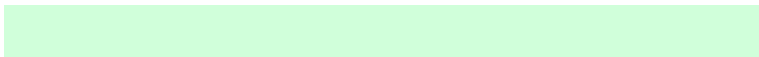
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9646, 91.4465, 73.2704



73.9105, 89.9978, 67.4478



74.4522, 90.0019, 79.9047



18.2431, 20.4112, 19.1226



20.1482, 38.1249, 6.2969



2.0620, 3.7637, 0.6178

Inverse Universe

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



77.2246, 71.2102, 104.2825



74.2104, 66.4558, 103.5237



80.2499, 72.9542, 96.0919



18.2741, 18.0330, 22.7675



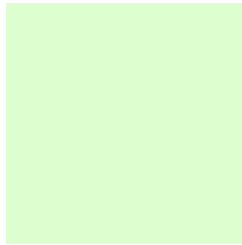
19.9711, 9.2060, 50.1589



2.0503, 0.9509, 4.8887

Previews

White Background



This preview shows how the XYZ color 76.9640, 91.4462, 73.2690 looks on a white background.

Color Contrast Check

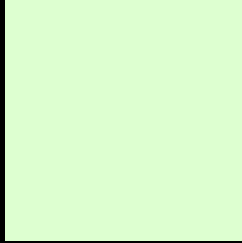
Large Text (above 18pt) WCAG AA × Fail

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 76.9640, 91.4462, 73.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

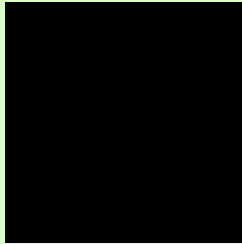
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

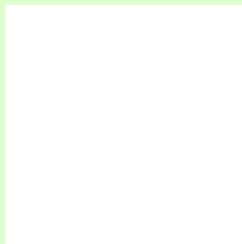
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9640, 91.4462, 73.2690

Background



This preview shows how black text looks on a background with the XYZ color 76.9640, 91.4462, 73.2690.



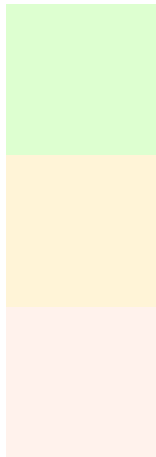
This preview shows how white text looks on a background with the XYZ color 76.9640, 91.4462,

73.2690.

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

76.9640, 91.4462, 73.2690

Protanopia

85.8564, 90.8677, 77.3041

Deuteranopia

88.1325, 90.8204, 92.2419



Tritanopia

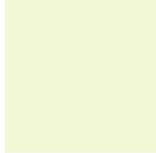
86.2657, 91.3087, 107.6854

Trichromacy



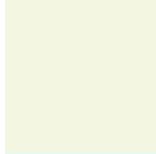
Original Color

76.9640, 91.4462, 73.2690



Protanomaly

82.4132, 90.9430, 75.4975



Deuteranomaly

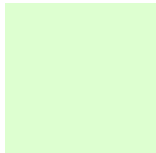
83.9504, 91.0672, 85.1046



Tritanomaly

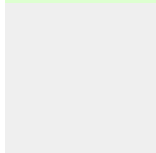
82.5870, 91.0802, 94.1164

Monochromacy



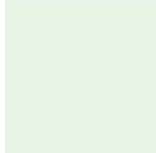
Original Color

76.9640, 91.4462, 73.2690



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.9347, 88.0621, 86.1835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9640, 91.4462, 73.2690 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(221, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 208)  
}
```

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(221, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 208) }
```

Border

The CSS property to change the border of an element to XYZ 76.9640, 91.4462, 73.2690 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(221, 255, 208) }
```


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

```
.border{ border-color:rgb(221, 255, 208) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9640, 91.4462, 73.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 208) }
```

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

```
.background{ background-color: rgb(221,  
255, 208) }
```

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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