

Converting Colors

XYZ(85.1089, 111.1855,
70.2261)

Have a look what the booklet for
XYZ(85.1089, 111.1855, 70.2261)
contains.

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Color

**XYZ(74.8665, 90.5026,
66.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFC6
RGB	218, 255, 198
RGB Percent	85%, 100%, 78%
CMY	0.1451, 0.0000, 0.2235
CMYK	0.15, 0.00, 0.22, 0.00
HSL	99°, 100%, 89%
HSV	99°, 22%, 100%
XYZ	74.8665, 90.5026, 66.9490
YIQ	237.4390, -3.7550, -25.5710

Conversions

Conversions Part 2

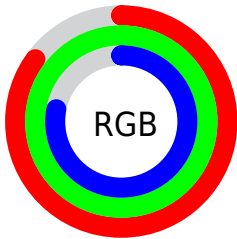
Format	Color
RYB	198, 255, 235
Decimal	14352326
CIELab	96.20, -21.88, 23.39
CIELCh	96, 32.026, 133.090
Yxy	90.5026, 0.3223, 0.3896
Android (android.graphics.Color)	4292542406 (0xFFDAFFC6)
YUV	237.4390, -19.4434, -17.0480
Hunter-Lab	95.1329, -26.0087, 24.8681

Details

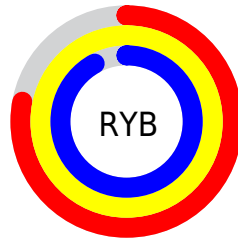
The XYZ color **74.8665, 90.5026, 66.9490** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.5059, 65.2716, 103.3849**, and the grayscale version is **80.9815, 85.1988, 92.7815**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3324, 50.1883, 33.9471** is the 20% darker color. If you saturate the color by 10%, you get **67.4628, 86.9976, 52.5197**, and if you desaturate by 10%, it is **83.2610, 94.4612, 84.0121**.

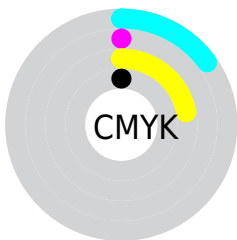
Distribution



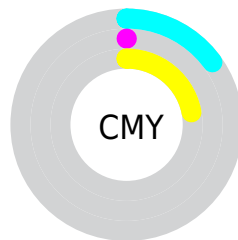
- Red (85%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8665, 90.5026, 66.9490 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 74.8665, 90.5026, 66.9490 by changing the saturation by 10% instead.

 74.8665, 90.5026,
66.9490

 74.8665, 90.5026,
66.9490


466.4628,
529.6644, 468.2598

 55.7973, 68.3976,
48.5818


125.1123,
148.0363, 116.4873

 40.2768, 50.2212,
33.9246


157.0196,
184.2338, 148.4955

 27.9396, 35.5892,
22.5588


193.9370,
225.8976, 185.8878

 18.4204, 24.1171,
14.0658

236.2299,
273.4120, 229.0828

 11.3537, 15.4205,
8.0272

284.2635,
327.1615, 278.4989

 6.3743, 9.1150,
4.0243

338.4033,

 3.1168, 4.8163,

387.5305, 334.5547

1.6387

399.0147,
454.9034, 397.6689

■ 1.2158, 2.1399,
0.3182

■ 0.1188, 0.6869,
0.0000

■ 74.8665, 90.5026,
66.9490

■ 74.8665, 90.5026,
66.9490

■ 67.4628, 86.9976,
52.5197

■ 83.2610, 94.4612,
84.0121

■ 61.0090, 83.9280,
40.5889

■ 92.6814, 98.8888,
103.8270

■ 55.4636, 81.2753,
31.0156

■ 95.0500, 100.0000,
108.9000

■ 50.7810, 79.0197,
23.6428

■ 46.9113, 77.1392,
18.2947

■ 43.7982, 75.6091,
14.7685

■ 41.3763, 74.4012,
12.8189

■ 39.9253, 73.6673,
12.1149

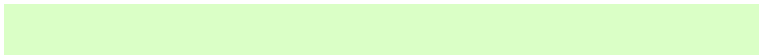
Harmonies

Analogous

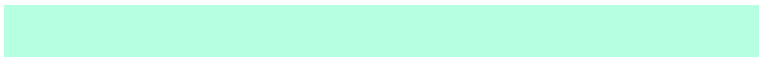
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2077, 90.5026, 58.1474



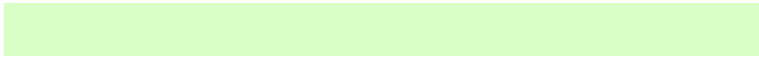
74.8665, 90.5026, 66.9490



70.6847, 90.5026, 84.9812

Triad

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



74.8665, 90.5026, 66.9490



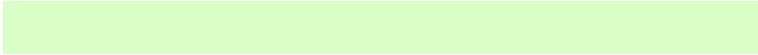
81.1446, 90.5026, 153.1726



103.7607, 90.5026, 87.8688

Complementary

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



74.8665, 90.5026, 66.9490



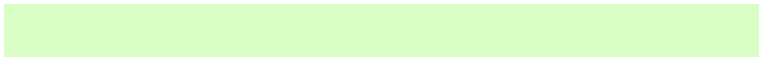
72.5059, 65.2716, 103.3849

Split Complementary

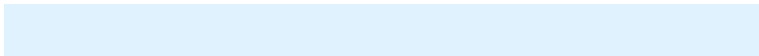
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.4269, 90.5026, 113.4736



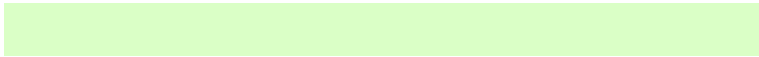
74.8665, 90.5026, 66.9490



89.9484, 90.5026, 154.3086

Square

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



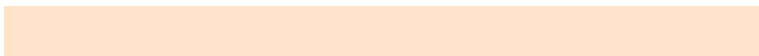
74.8665, 90.5026, 66.9490



74.1345, 90.5026, 135.8977



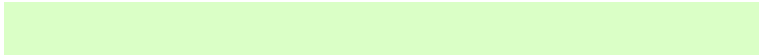
98.2296, 90.5026, 138.7763



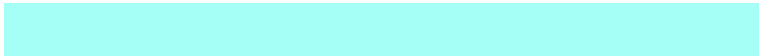
99.1124, 90.5026, 68.7479

Rectangle

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



74.8665, 90.5026, 66.9490



70.0601, 90.5026, 101.2033



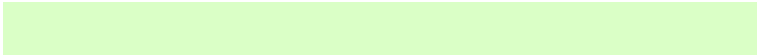
98.2296, 90.5026, 138.7763



104.2364, 90.5026, 95.9277

Sweetspot

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



74.8671, 90.5029, 66.9504



88.1729, 96.7715, 94.2673



80.8848, 84.2404, 65.4244



18.7509, 20.6558, 19.9210



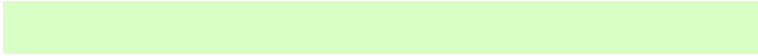
0.0000, 0.0000, 0.0000



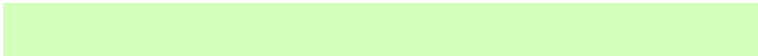
20.3446, 21.4041, 23.3091

Same Dimension

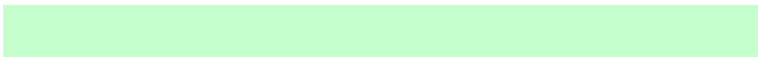
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8671, 90.5029, 66.9504



71.3049, 88.8184, 59.9235



70.1416, 87.9630, 71.4210



18.3727, 20.4781, 19.1286



21.0072, 38.5677, 6.3371



2.1584, 3.8134, 0.6223

Inverse Universe

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



72.5059, 65.2716, 103.3849



68.5447, 59.3638, 102.4534



78.2850, 68.3894, 97.3943



18.1379, 17.9628, 22.7611



17.7648, 8.0686, 50.0557



1.8481, 0.8466, 4.8793

Previews

White Background



This preview shows how the XYZ color 74.8665, 90.5026, 66.9490 looks on a white background.

Color Contrast Check

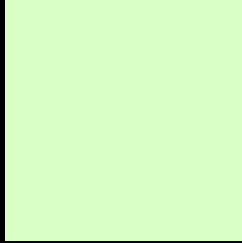
Large Text (above 18pt) WCAG AA × Fail

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 74.8665, 90.5026, 66.9490 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

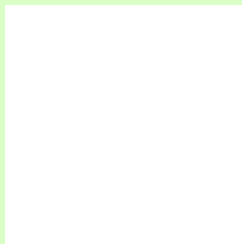
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8665, 90.5026, 66.9490

Background



This preview shows how black text looks on a background with the XYZ color 74.8665, 90.5026, 66.9490.



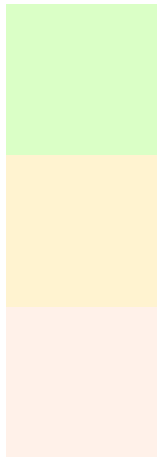
This preview shows how white text looks on a background with the XYZ color 74.8665, 90.5026,

66.9490.

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

74.8665, 90.5026, 66.9490

Protanopia

84.6758, 89.9153, 72.5670

Deuteranopia

87.4033, 90.0538, 89.8663



Tritanopia

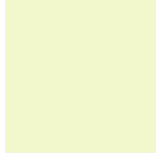
85.2945, 90.3577, 107.5530

Trichromacy



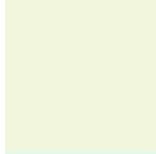
Original Color

74.8665, 90.5026, 66.9490



Protanomaly

80.7778, 89.7584, 70.1944



Deuteranomaly

82.4920, 89.9561, 80.7256



Tritanomaly

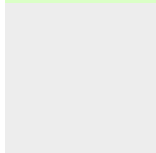
81.0401, 90.3499, 91.0099

Monochromacy



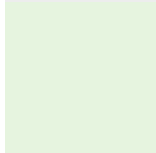
Original Color

74.8665, 90.5026, 66.9490



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.3031, 86.8521, 82.4492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8665, 90.5026, 66.9490 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 198) }
```

Border

The CSS property to change the border of an element to XYZ 74.8665, 90.5026, 66.9490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

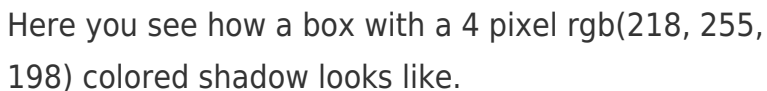
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 255, 198) }
```


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

```
.border{ border-color:rgb(218, 255, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 255, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 255, 198); box-shadow:4px 4px 4px 4px rgb(218, 255, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8665, 90.5026, 66.9490 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, 198) }
```

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

```
.background{ background-color: rgb(218,  
255, 198) }
```

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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