

Converting Colors

XYZ(130.6211, 186.1493,
89.9823)

Have a look what the booklet for
XYZ(130.6211, 186.1493, 89.9823)
contains.

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Color

**XYZ(85.3989, 95.7660,
74.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFD2
RGB	246, 255, 210
RGB Percent	96%, 100%, 82%
CMY	0.0353, 0.0000, 0.1765
CMYK	0.04, 0.00, 0.18, 0.00
HSL	72°, 100%, 91%
HSV	72°, 18%, 100%
XYZ	85.3989, 95.7660, 74.9564
YIQ	247.1790, 9.0810, -15.9030

Conversions

Conversions Part 2

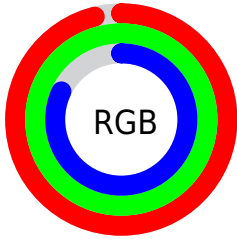
Format	Color
R _Y B	210, 255, 219
Decimal	16187346
CIE Lab	98.34, -10.37, 20.54
CIE LCh	98, 23.009, 116.779
Yxy	95.7660, 0.3334, 0.3739
Android (android.graphics.Color)	4294377426 (0xFFFF6FFD2)
YUV	247.1790, -18.3292, -1.0340
Hunter-Lab	97.8601, -15.4848, 23.0886

Details

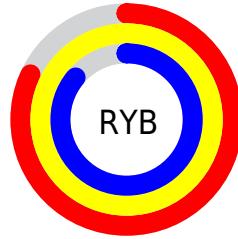
The XYZ color **85.3989, 95.7660, 74.9564** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.3109, 68.3744, 104.0995**, and the grayscale version is **88.6922, 93.3111, 101.6158**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0967, 53.5735, 38.8688** is the 20% darker color. If you saturate the color by 10%, you get **80.7063, 93.6852, 59.4532**, and if you desaturate by 10%, it is **90.6480, 98.0751, 93.1308**.

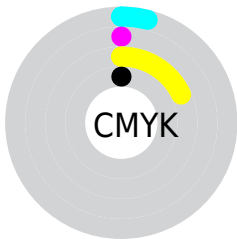
Distribution



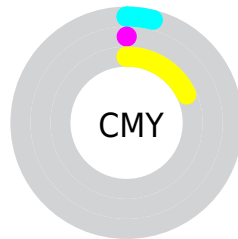
- Red (96%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3989, 95.7660, 74.9564 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 85.3989, 95.7660, 74.9564 by changing the saturation by 10% instead.


 85.3989, 95.7660,
74.9564

 85.3989, 95.7660,
74.9564


501.4109,
546.6143, 497.0191

 64.4946, 72.7727,
55.0757

139.8415,
155.3224, 127.9972

 47.3146, 53.7901,
39.0633


174.1106,
192.6543, 161.9943

 33.4934, 38.4339,
26.5008


213.5653,
235.5346, 201.5339

 22.6657, 26.3196,
16.9695

258.5710,
284.3475, 247.0347

 14.4662, 17.0629,
10.0510

309.4930,
339.4776, 298.9150

 8.5295, 10.2793,
5.3268

366.6968,

 4.4902, 5.5846,

401.3091, 357.5935

2.3782

430.5476,
470.2266, 423.4887

■ 1.9830, 2.5942,
0.7745

■ 0.6244, 0.9237,
0.0000

■ 85.3989, 95.7660,
74.9564

■ 85.3989, 95.7660,
74.9564

■ 80.7063, 93.6852,
59.4532

■ 90.6480, 98.0751,
93.1308

■ 76.5443, 91.8222,
46.4909

95.0500, 100.0000,
108.9000

■ 72.8872, 90.1667,
35.9349

■ 69.7062, 88.7072,
27.6362

■ 66.9696, 87.4310,
21.4294

■ 64.6412, 86.3235,
17.1263

■ 62.6786, 85.3677,
14.5054

■ 61.0257, 84.5412,
13.2740

■ 60.6625, 84.3577,
13.0854

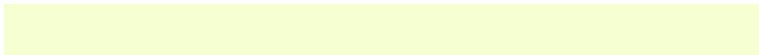
Harmonies

Analogous

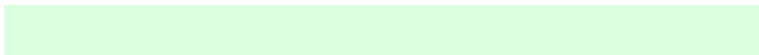
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7409, 95.7660, 71.9029



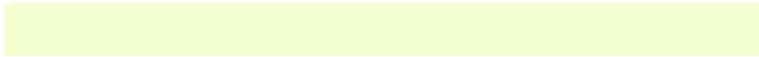
85.3989, 95.7660, 74.9564



80.7690, 95.7660, 85.5217

Triad

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



85.3989, 95.7660, 74.9564



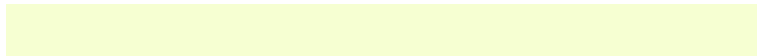
84.2153, 95.7660, 137.8955



104.3535, 95.7660, 106.3379

Complementary

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



85.3989, 95.7660, 74.9564



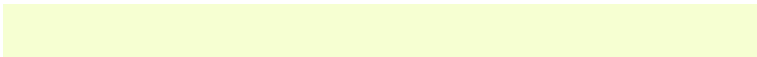
70.3109, 68.3744, 104.0995

Split Complementary

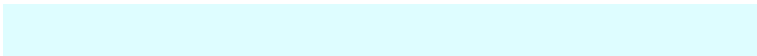
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.1095, 95.7660, 125.5823



85.3989, 95.7660, 74.9564



90.3083, 95.7660, 145.1386

Square

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



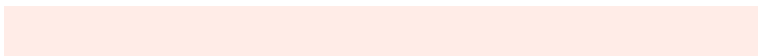
85.3989, 95.7660, 74.9564



80.1093, 95.7660, 121.6028



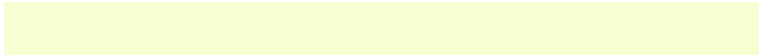
96.8882, 95.7660, 140.3820



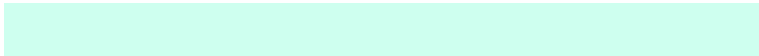
102.8848, 95.7660, 88.6730

Rectangle

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



85.3989, 95.7660, 74.9564



79.1677, 95.7660, 96.1435



96.8882, 95.7660, 140.3820



104.0058, 95.7660, 112.8481

Sweetspot

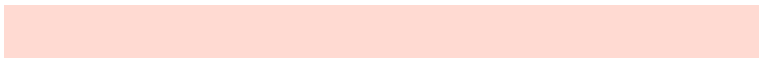
The Sweet Spot groups the original color and five complimentary colors.



85.3994, 95.7662, 74.9578



92.1327, 98.7254, 98.4014



78.0098, 76.1867, 71.5680



19.6349, 21.0940, 20.7583



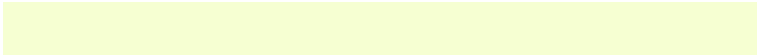
0.0000, 0.0000, 0.0000



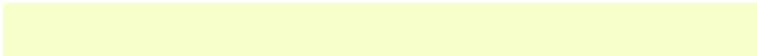
20.3446, 21.4041, 23.3091

Same Dimension

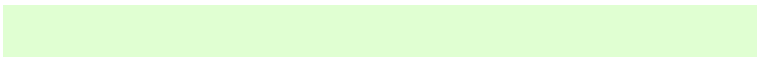
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3994, 95.7662, 74.9578



83.7648, 95.0434, 69.4666



78.2116, 92.0607, 74.6214



19.1844, 20.8965, 19.1666



31.8226, 44.1432, 6.8433



3.1846, 4.3425, 0.6703

Inverse Universe

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



70.3109, 68.3744, 104.0995



66.2391, 63.2242, 103.3201



77.2877, 71.9711, 104.4261



17.3422, 17.5526, 22.7239



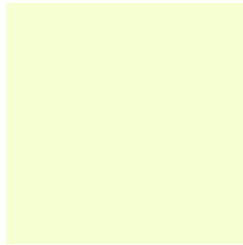
10.2400, 4.1894, 49.7035



1.0806, 0.4510, 4.8434

Previews

White Background



This preview shows how the XYZ color 85.3989, 95.7660, 74.9564 looks on a white background.

Color Contrast Check

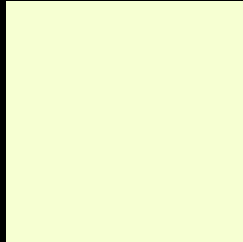
Large Text (above 18pt) WCAG AA × Fail

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 85.3989, 95.7660, 74.9564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

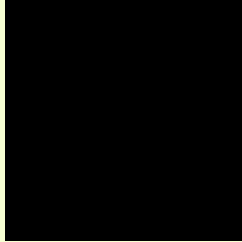
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

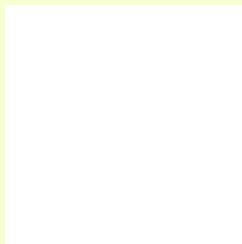
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3989, 95.7660, 74.9564

Background



This preview shows how black text looks on a background with the XYZ color 85.3989, 95.7660, 74.9564.



This preview shows how white text looks on a background with the XYZ color 85.3989, 95.7660,

74.9564.

Color Blindness Simulation

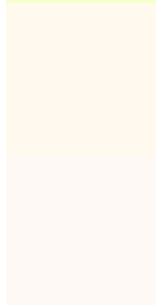
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.3989, 95.7660, 74.9564



Protanopia

90.7117, 95.7456, 93.8205

Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

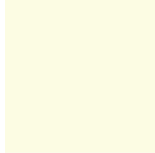
91.7093, 95.4806, 108.2037

Trichromacy



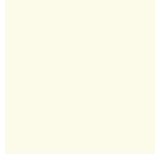
Original Color

85.3989, 95.7660, 74.9564



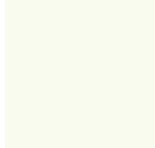
Protanomaly

88.8204, 95.8623, 86.4950



Deuteranomaly

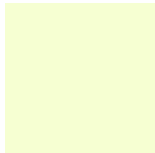
89.3500, 95.5730, 90.8290



Tritanomaly

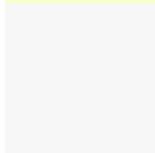
89.1441, 95.3661, 95.3705

Monochromacy



Original Color

85.3989, 95.7660, 74.9564



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.3947, 94.0859, 91.3961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3989, 95.7660, 74.9564 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(246, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 210)  
}
```

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(246, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 85.3989, 95.7660, 74.9564 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(246, 255, 210) }
```


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

```
.border{ border-color:rgb(246, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 255, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 255, 210); box-shadow:4px 4px 4px 4px rgb(246, 255, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3989, 95.7660, 74.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 210) }
```

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

```
.background{ background-color: rgb(246,  
255, 210) }
```

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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