

Converting Colors

XYZ(85.2161, 94.6670, 77.5508)

Have a look what the booklet for
XYZ(85.2161, 94.6670, 77.5508)
contains.

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Color

**XYZ(85.2689, 94.6984,
77.4028)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FDD6
RGB	246, 253, 214
RGB Percent	96%, 99%, 84%
CMY	0.0353, 0.0078, 0.1608
CMYK	0.03, 0.00, 0.15, 0.01
HSL	71°, 91%, 92%
HSV	71°, 15%, 99%
XYZ	85.2689, 94.6984, 77.4028
YIQ	246.4610, 8.3470, -13.6130

Conversions

Conversions Part 2

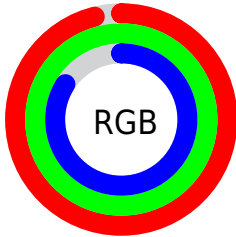
Format	Color
R_{YB}	214, 253, 221
Decimal	16186838
CIE _{Lab}	97.91, -8.77, 17.91
CIE _{LCh}	98, 19.939, 116.104
Yxy	94.6984, 0.3313, 0.3679
Android (android.graphics.Color)	4294376918 (0xFFF6FDD6)
YUV	246.4610, -16.0033, -0.4043
Hunter-Lab	97.3131, -13.8904, 20.9599

Details

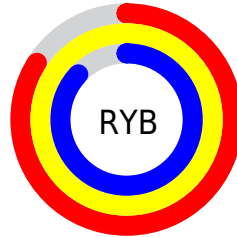
The XYZ color **85.2689, 94.6984, 77.4028** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.5987, 70.5597, 102.7793**, and the grayscale version is **88.0937, 92.6814, 100.9301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2331, 52.9302, 40.5280** is the 20% darker color. If you saturate the color by 10%, you get **80.7119, 92.6969, 61.6127**, and if you desaturate by 10%, it is **90.3719, 96.9291, 95.8421**.

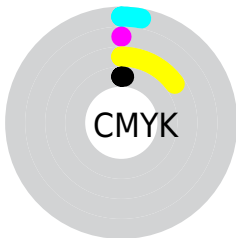
Distribution



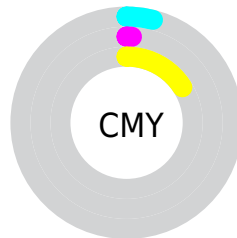
- Red (96%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (4%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2689, 94.6984, 77.4028 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 85.2689, 94.6984, 77.4028 by changing the saturation by 10% instead.


 85.2689, 94.6984,
77.4028

 85.2689, 94.6984,
77.4028


500.9877,
543.1990, 505.6104

 64.3868, 71.8840,
57.0700


139.6609,
153.8479, 131.4861

 47.2269, 53.0639,
40.6517


173.9015,
190.9517, 166.0737

 33.4238, 37.8538,
27.7294


213.3257,
233.5875, 206.2500

 22.6121, 25.8692,
17.8845

258.2989,
282.1395, 252.4335

 14.4264, 16.7258,
10.6985

309.1863,
336.9923, 305.0427

 8.5015, 10.0392,
5.7529

366.3533,

 4.4720, 5.4250,

398.5303, 364.4962

2.6291

430.1653,
467.1377, 431.2126

■ 1.9725, 2.4987,
0.9074

■ 0.6184, 0.8760,
0.0000

■ 85.2689, 94.6984,
77.4028

■ 85.2689, 94.6984,
77.4028

■ 80.7119, 92.6969,
61.6127

■ 90.3719, 96.9291,
95.8421

■ 76.6700, 90.9027,
48.3440

■ 94.4172, 98.7344,
108.6891

■ 73.1205, 89.3099,
37.4675

■ 70.0359, 87.9075,
28.8403

■ 67.3860, 86.6833,
22.3040

■ 65.1365, 85.6237,
17.6800

■ 63.2474, 84.7125,
14.7595

■ 61.6696, 83.9301,
13.2849

■ 61.0178, 83.6015,
12.9207

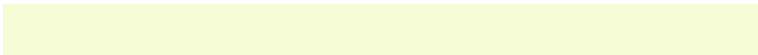
Harmonies

Analogous

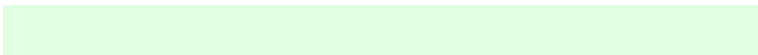
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.7551, 94.6984, 74.8455



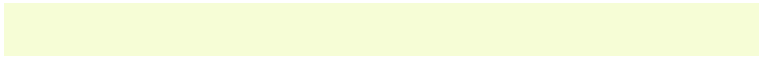
85.2689, 94.6984, 77.4028



81.2096, 94.6984, 86.5699

Triad

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



85.2689, 94.6984, 77.4028



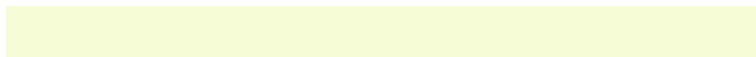
84.0303, 94.6984, 131.4356



101.3972, 94.6984, 105.2589

Complementary

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



85.2689, 94.6984, 77.4028



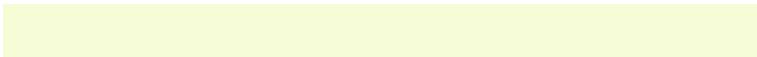
71.5987, 70.5597, 102.7793

Split Complementary

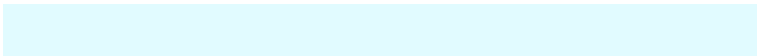
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.4200, 94.6984, 121.6341



85.2689, 94.6984, 77.4028



89.2650, 94.6984, 137.7223

Square

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



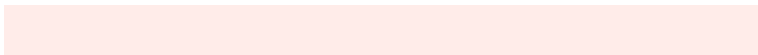
85.2689, 94.6984, 77.4028



80.5159, 94.6984, 117.5547



94.9195, 94.6984, 133.9600



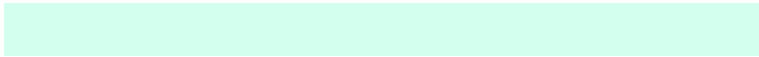
100.2182, 94.6984, 89.9007

Rectangle

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



85.2689, 94.6984, 77.4028



79.7777, 94.6984, 95.7510



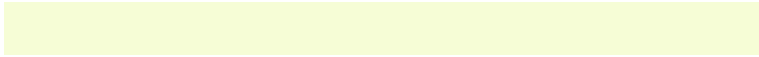
94.9195, 94.6984, 133.9600



101.0775, 94.6984, 110.8377

Sweetspot

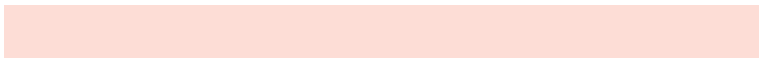
The Sweet Spot groups the original color and five complimentary colors.



85.2714, 94.7026, 77.4048



92.2271, 98.7741, 98.4058



78.3734, 77.1896, 74.3881



19.6580, 21.1059, 20.7594



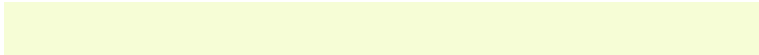
0.0000, 0.0000, 0.0000



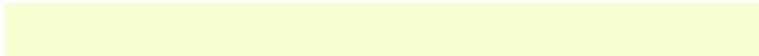
20.3446, 21.4041, 23.3091

Same Dimension

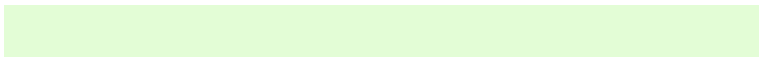
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2714, 94.7026, 77.4048



85.5529, 95.8583, 74.3799



78.9447, 91.4410, 77.1087



19.2224, 20.9161, 19.1684



32.5708, 44.5289, 6.8783



3.2510, 4.3767, 0.6734

Inverse Universe

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



71.5987, 70.5597, 102.7793



69.5926, 67.6745, 104.0023



77.7145, 73.7125, 103.0655



17.3072, 17.5346, 22.7223



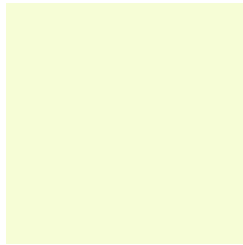
10.1028, 4.1186, 49.6971



1.0623, 0.4416, 4.8425

Previews

White Background



This preview shows how the XYZ color 85.2689, 94.6984, 77.4028 looks on a white background.

Color Contrast Check

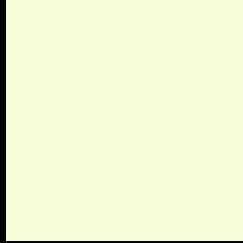
Large Text (above 18pt) WCAG AA × Fail

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 85.2689, 94.6984, 77.4028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

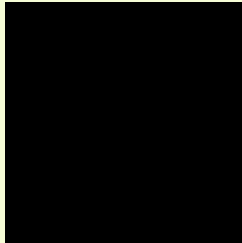
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

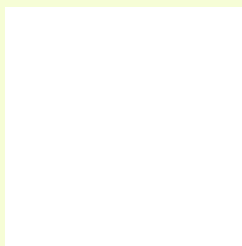
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2689, 94.6984, 77.4028

Background



This preview shows how black text looks on a background with the XYZ color 85.2689, 94.6984, 77.4028.



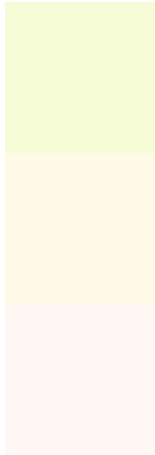
This preview shows how white text looks on a background with the XYZ color 85.2689, 94.6984,

77.4028.

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

85.2689, 94.6984, 77.4028

Protanopia

89.6812, 94.8376, 89.9227

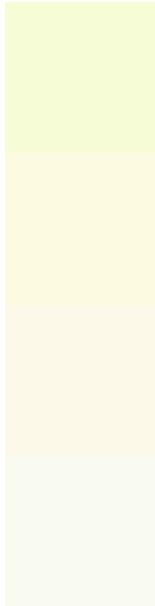
Deuteranopia

90.8299, 94.3132, 99.0050

Tritanopia

91.4011, 94.8640, 108.1010

Trichromacy



Original Color

85.2689, 94.6984, 77.4028

Protanomaly

87.9211, 94.5029, 84.8411

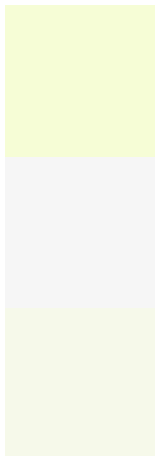
Deuteranomaly

88.7285, 94.3300, 90.6218

Tritanomaly

88.9807, 94.8022, 96.0469

Monochromacy



Original Color

85.2689, 94.6984, 77.4028

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.7330, 93.2847, 91.2763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2689, 94.6984, 77.4028 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, 253, 214)` looks like.

```
.text, #text, p{  
    color:rgb(246, 253, 214)  
}
```

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, 253, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 253, 214) }
```

Border

The CSS property to change the border of an element to XYZ 85.2689, 94.6984, 77.4028 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, 253, 214) }
```


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

```
.border{ border-color:rgb(246, 253, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 253, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 253, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 253, 214);  
box-shadow:4px 4px 4px 4px rgb(246, 253,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2689, 94.6984, 77.4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 253, 214) }
```

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

```
.background{ background-color: rgb(246,  
253, 214) }
```

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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