

Converting Colors

XYZ(84.3297, 93.3455, 65.8309)

Have a look what the booklet for
XYZ(84.3297, 93.3455, 65.8309)
contains.

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Color

**XYZ(84.6059, 93.6753,
65.8465)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FCFBC4 |
| RGB | 252, 251, 196 |
| RGB Percent | 99%, 98%, 77% |
| CMY | 0.0118, 0.0157, 0.2314 |
| CMYK | 0.00, 0.00, 0.22, 0.01 |
| HSL | 59°, 90%, 88% |
| HSV | 59°, 22%, 99% |
| XYZ | 84.6059, 93.6753, 65.8465 |
| YIQ | 245.0290, 18.2510, -16.8930 |

Conversions

Conversions Part 2

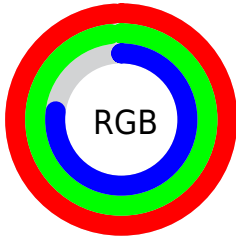
| Format | Color |
|-------------------------------------|---------------------------------------------|
| RYB | 197, 252, 196 |
| Decimal | 16579524 |
| CIELab | 97.50, -8.25, 26.56 |
| CIELCh | 98, 27.814, 107.258 |
| Yxy | 93.6753, 0.3466, 0.3837 |
| Android (android.graphics.Color) | 4294769604 (0xFFFCFBC4) |
| YUV | 245.0290, -24.1713, 6.1136 |
| Hunter-Lab | 96.7860, -13.3390, 27.4134 |

Details

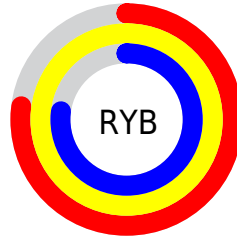
The XYZ color **84.6059, 93.6753, 65.8465** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.3018, 58.6954, 100.2471**, and the grayscale version is **86.9945, 91.5250, 99.6708**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **46.9033, 52.5853, 33.2691** is the 20% darker color. If you saturate the color by 10%, you get **81.8365, 92.3473, 51.9408**, and if you desaturate by 10%, it is **87.8624, 95.2050, 82.2936**.

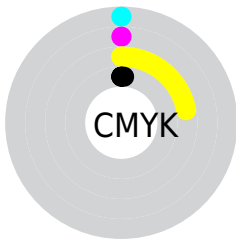
Distribution



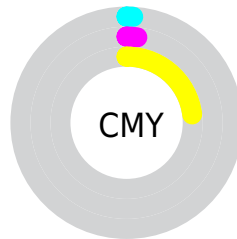
- Red (99%)
- Green (98%)
- Blue (77%)



- Red (77%)
- Yellow (99%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.6059, 93.6753, 65.8465 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 84.6059, 93.6753, 65.8465 by changing the saturation by 10% instead.


 84.6059, 93.6753,
65.8465

 84.6059, 93.6753,
65.8465


498.8264,
539.9153, 464.2169

 63.8372, 71.0329,
47.6921


138.7393,
152.4332, 114.8909

 46.7800, 52.3691,
33.2249


172.8347,
189.3175, 146.6180

 33.0690, 37.2993,
22.0262


212.1031,
231.7179, 183.7064

 22.3388, 25.4393,
13.6777

256.9097,
280.0189, 226.5746

 14.2240, 16.4047,
7.7606

307.6200,
334.6047, 275.6413

 8.3594, 9.8110,
3.8566

364.5993,

 4.3795, 5.2738,

395.8597, 331.3248

1.5470

428.2130,
464.1685, 394.0439

■ 1.9190, 2.4088,
0.2526

■ 0.5878, 0.8304,
0.0000

■ 84.6059, 93.6753,
65.8465

■ 84.6059, 93.6753,
65.8465

■ 81.8365, 92.3473,
51.9408

■ 87.8624, 95.2050,
82.2936

■ 79.5227, 91.1989,
40.4440


■ 91.6209, 96.9330,
101.3939


■ 77.6410, 90.2238,
31.2203


■ 93.1152, 97.7557,
108.5688


■ 76.1624, 89.4106,
24.1184


■ 93.2561, 98.0376,
108.6158


 75.0549, 88.7463,
18.9686


 93.3974, 98.3202,
108.6629

 74.2812, 88.2160,
15.5750


 93.5391, 98.6034,
108.7101

 73.7965, 87.8019,
13.7013

 93.6810, 98.8873,
108.7574

 73.5669, 87.5390,
13.0193

 93.8233, 99.1719,
108.8048

 93.9551, 99.4356,
108.8488

Harmonies

Analogous

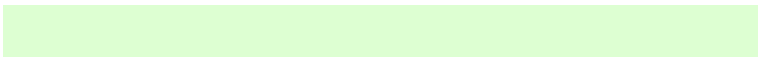
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4270, 93.6753, 65.1861



84.6059, 93.6753, 65.8465



78.3422, 93.6753, 75.2356

Triad

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



84.6059, 93.6753, 65.8465



79.1218, 93.6753, 137.3865



104.6836, 93.6753, 111.8924

Complementary

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



84.6059, 93.6753, 65.8465



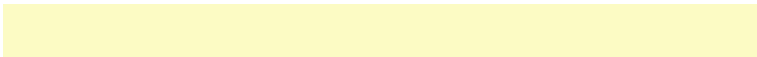
60.3018, 58.6954, 100.2471

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.



100.6602, 93.6753, 134.4518



84.6059, 93.6753, 65.8465



85.7281, 93.6753, 150.5679

Square

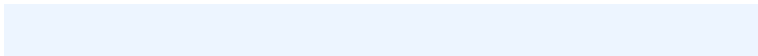
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.6059, 93.6753, 65.8465



75.3068, 93.6753, 115.4508



93.6172, 93.6753, 149.4208



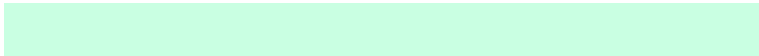
104.3390, 93.6753, 89.6303

Rectangle

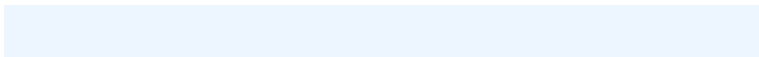
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.6059, 93.6753, 65.8465



75.7521, 93.6753, 86.0910



93.6172, 93.6753, 149.4208



103.7876, 93.6753, 119.7495

Sweetspot

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



84.6083, 93.6795, 65.8485



92.2070, 98.7011, 94.4271



70.0635, 64.2476, 62.0551



19.6862, 21.1032, 19.9580



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

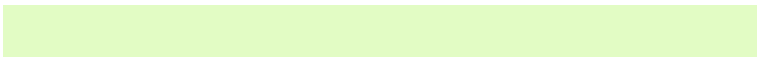
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6083, 93.6795, 65.8485



85.4901, 95.5539, 60.4760



76.0974, 89.7543, 65.5394



18.6994, 20.1347, 18.3632



38.3340, 45.6246, 6.7860



3.5586, 4.2420, 0.6312

Inverse Universe

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



60.3018, 58.6954, 100.2471



56.1857, 53.3769, 101.9492



67.4767, 62.0601, 100.5184



16.3078, 16.6923, 21.7477



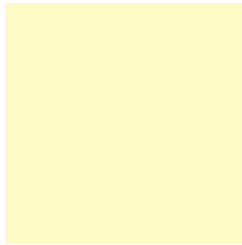
9.1891, 3.7339, 48.2099



0.8595, 0.3627, 4.4679

Previews

White Background



This preview shows how the XYZ color 84.6059, 93.6753, 65.8465 looks on a white background.

Color Contrast Check

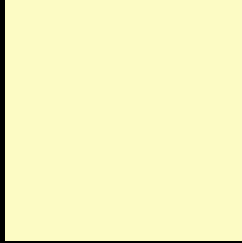
Large Text (above 18pt) WCAG AA × Fail

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 84.6059, 93.6753, 65.8465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

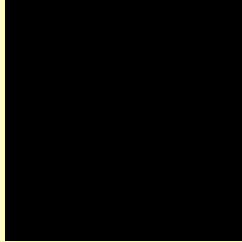
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.6059, 93.6753, 65.8465

Background



This preview shows how black text looks on a background with the XYZ color 84.6059, 93.6753, 65.8465.



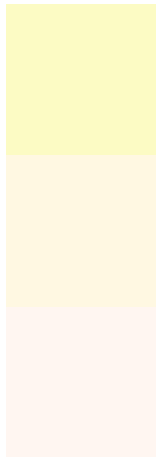
This preview shows how white text looks on a background with the XYZ color 84.6059, 93.6753,

65.8465.

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

84.6059, 93.6753, 65.8465

Protanopia

88.5349, 93.8858, 85.4070

Deuteranopia

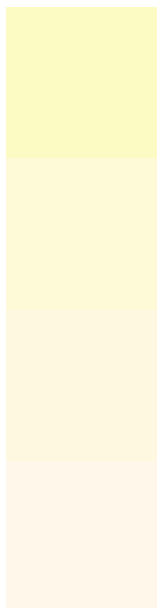
90.0730, 93.5224, 96.5234



Tritanopia

91.9424, 93.7848, 107.8641

Trichromacy



Original Color

84.6059, 93.6753, 65.8465

Protanomaly

87.0145, 93.7285, 77.7952

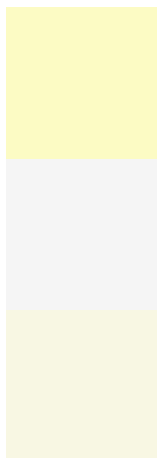
Deuteranomaly

88.0311, 93.6419, 84.6691

Tritanomaly

88.9851, 93.5329, 91.2055

Monochromacy



Original Color

84.6059, 93.6753, 65.8465

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.8373, 92.0240, 85.9114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6059, 93.6753, 65.8465 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(252, 251, 196)` looks like.

```
.text, #text, p{  
    color:rgb(252, 251, 196)  
}
```

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(252, 251, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 196) }
```

Border

The CSS property to change the border of an element to XYZ 84.6059, 93.6753, 65.8465 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(252, 251, 196) }
```


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

```
.border{ border-color:rgb(252, 251, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 251, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 251, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 251, 196);  
box-shadow:4px 4px 4px 4px rgb(252, 251,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6059, 93.6753, 65.8465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 251, 196) }
```

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

```
.background{ background-color: rgb(252,  
251, 196) }
```

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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