

Converting Colors

XYZ(84.6739, 95.0067, 56.8586)

Have a look what the booklet for
XYZ(84.6739, 95.0067, 56.8586)
contains.

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Color

**XYZ(84.6035, 94.8058,
57.0203)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFDB4 |
| RGB | 255, 253, 180 |
| RGB Percent | 100%, 99%, 71% |
| CMY | 0.0000, 0.0078, 0.2941 |
| CMYK | 0.00, 0.01, 0.29, 0.00 |
| HSL | 58°, 100%, 85% |
| HSV | 58°, 29%, 100% |
| XYZ | 84.6035, 94.8058, 57.0203 |
| YIQ | 245.2760, 24.6250, -22.2790 |

Conversions

Conversions Part 2

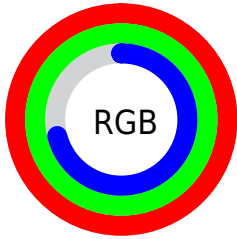
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 182, 255, 180 |
| Decimal | 16776628 |
| CIELab | 97.96, -10.22, 35.27 |
| CIELCh | 98, 36.717, 106.155 |
| Yxy | 94.8058, 0.3578, 0.4010 |
| Android (android.graphics.Color) | 4294966708 (0xFFFFFDB4) |
| YUV | 245.2760, -32.1811, 8.5279 |
| Hunter-Lab | 97.3683, -15.2954, 33.4367 |

Details

The XYZ color **84.6035, 94.8058, 57.0203** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.6001, 50.3779, 101.5066**, and the grayscale version is **87.2524, 91.7963, 99.9662**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **46.5967, 52.8825, 27.8301** is the 20% darker color. If you saturate the color by 10%, you get **82.0284, 93.4372, 44.5036**, and if you desaturate by 10%, it is **87.6619, 96.3755, 72.0582**.

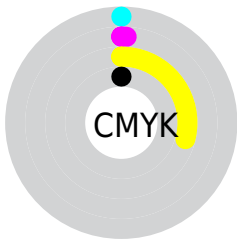
Distribution



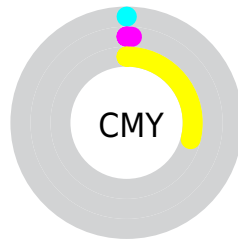
- Red (100%)
- Green (99%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.6035, 94.8058, 57.0203 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 84.6035, 94.8058, 57.0203 by changing the saturation by 10% instead.


 84.6035, 94.8058,
57.0203

 84.6035, 94.8058,
57.0203

498.8186,
543.5431, 431.0212

 63.8352, 71.9734,
40.6121

 138.7360,
153.9963, 101.9954

 46.7784, 53.1369,
27.6987


172.8308,
191.1231, 131.3994

 33.0677, 37.9121,
17.8616


212.0986,
233.7835, 165.9724

 22.3378, 25.9145,
10.6822

256.9047,
282.3619, 206.1329

 14.2233, 16.7597,
5.7421

307.6143,
337.2426, 252.2995

 8.3589, 10.0633,
2.6227

364.5930,

 4.3792, 5.4409,

398.8102, 304.8908

0.9041

428.2060,
467.4488, 364.3252

■ 1.9188, 2.5082,
0.0000

■ 0.5877, 0.8808,
0.0000

■ 84.6035, 94.8058,
57.0203

■ 84.6035, 94.8058,
57.0203

■ 82.0284, 93.4372,
44.5036

■ 87.6619, 96.3755,
72.0582

■ 79.9034, 92.2467,
34.3638

■ 91.2210, 98.1433,
89.7388

■ 78.2022, 91.2268,
26.4514

95.0500, 100.0000,
108.9000

■ 76.8926, 90.3648,
20.5977

■ 75.9380, 89.6461,
16.6095

■ 75.2948, 89.0531,
14.2576

■ 74.8961, 88.5591,
13.1893

■ 74.8756, 88.5312,
13.1419

Harmonies

Analogous

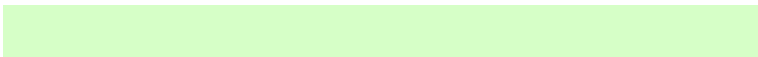
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0326, 94.8058, 56.6146



84.6035, 94.8058, 57.0203



76.3074, 94.8058, 68.1039

Triad

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



84.6035, 94.8058, 57.0203



76.8244, 94.8058, 150.8456



111.1893, 94.8058, 117.7044

Complementary

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



84.6035, 94.8058, 57.0203



53.6001, 50.3779, 101.5066

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.



105.4842, 94.8058, 148.7303



84.6035, 94.8058, 57.0203



85.3606, 94.8058, 170.2326

Square

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



84.6035, 94.8058, 57.0203



72.0606, 94.8058, 120.1823



95.8505, 94.8058, 169.3907



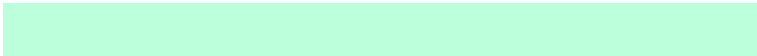
110.9468, 94.8058, 87.9472

Rectangle

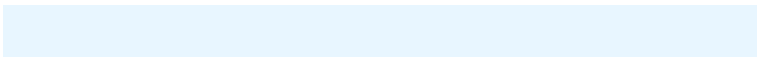
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.6035, 94.8058, 57.0203



72.8620, 94.8058, 81.5546



95.8505, 94.8058, 169.3907



109.8856, 94.8058, 128.4352

Sweetspot

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



84.6058, 94.8100, 57.0223



91.3783, 98.2204, 90.5235



66.0573, 57.3017, 52.1074



19.4403, 20.9651, 18.7854



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

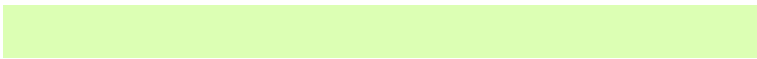
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6058, 94.8100, 57.0223



83.1078, 94.0196, 49.7236



73.5140, 90.0312, 56.6845



19.5174, 21.0030, 19.1696



39.1427, 46.2967, 6.8731



3.8238, 4.5329, 0.6734

Inverse Universe

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



53.6001, 50.3779, 101.5066



47.7488, 43.3505, 100.4586



62.3965, 54.3108, 101.8021



17.0417, 17.4550, 22.7209



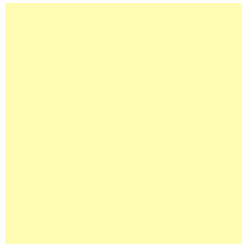
9.4867, 3.8830, 49.6841



0.9367, 0.4041, 4.8419

Previews

White Background



This preview shows how the XYZ color 84.6035, 94.8058, 57.0203 looks on a white background.

Color Contrast Check

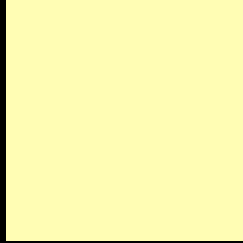
Large Text (above 18pt) WCAG AA × Fail

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 84.6035, 94.8058, 57.0203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

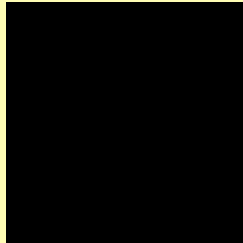
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.6035, 94.8058, 57.0203

Background



This preview shows how black text looks on a background with the XYZ color 84.6035, 94.8058, 57.0203.



This preview shows how white text looks on a background with the XYZ color 84.6035, 94.8058,

Color Blindness Simulation

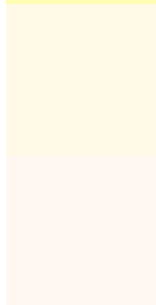
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.6035, 94.8058, 57.0203



Protanopia

89.5395, 94.7809, 89.1766

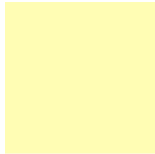
Deuteranopia

90.8344, 94.8056, 97.5162

Tritanopia

92.3902, 94.9373, 107.2212

Trichromacy



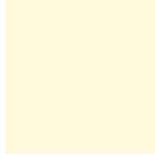
Original Color

84.6035, 94.8058, 57.0203



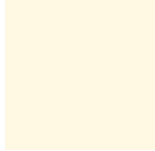
Protanomaly

87.3093, 94.3847, 75.9037



Deuteranomaly

88.2118, 94.7457, 80.6563



Tritanomaly

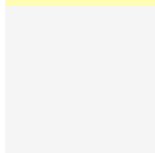
88.9808, 94.5574, 86.2347

Monochromacy



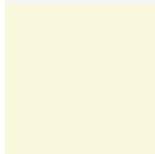
Original Color

84.6035, 94.8058, 57.0203



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.6855, 92.4950, 81.7438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6035, 94.8058, 57.0203 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(255, 253, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 180)  
}
```

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(255, 253, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 180) }
```

Border

The CSS property to change the border of an element to XYZ 84.6035, 94.8058, 57.0203 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(255, 253, 180) }
```


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

```
.border{ border-color:rgb(255, 253, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6035, 94.8058, 57.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 180) }
```

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

```
.background{ background-color: rgb(255,  
253, 180) }
```

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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