

Converting Colors

XYZ(84.4670, 92.1849, 64.2130)

Have a look what the booklet for
XYZ(84.4670, 92.1849, 64.2130)
contains.

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Color

**XYZ(84.5450, 92.2898,
64.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C2
RGB	255, 248, 194
RGB Percent	100%, 97%, 76%
CMY	0.0000, 0.0274, 0.2392
CMYK	0.00, 0.03, 0.24, 0.00
HSL	53°, 100%, 88%
HSV	53°, 24%, 100%
XYZ	84.5450, 92.2898, 64.3967
YIQ	243.9370, 21.5060, -15.3100

Conversions

Conversions Part 2

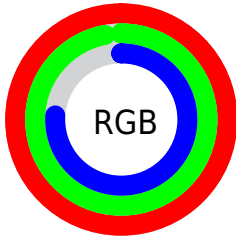
Format	Color
R_{YB}	202, 255, 194
Decimal	16775362
CIE _{Lab}	96.94, -5.94, 26.84
CIE _{LCh}	97, 27.492, 102.485
Yxy	92.2898, 0.3505, 0.3826
Android (android.graphics.Color)	4294965442 (0xFFFFF8C2)
YUV	243.9370, -24.6189, 9.7023
Hunter-Lab	96.0676, -11.0280, 27.5036

Details

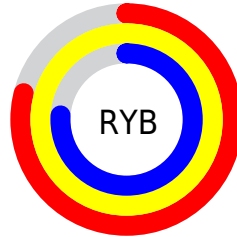
The XYZ color **84.5450, 92.2898, 64.3967** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.1844, 60.4610, 103.0531**, and the grayscale version is **86.1193, 90.6042, 98.6679**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **46.8720, 51.5985, 32.3000** is the 20% darker color. If you saturate the color by 10%, you get **81.0322, 89.4607, 50.2884**, and if you desaturate by 10%, it is **88.5677, 95.3516, 81.1017**.

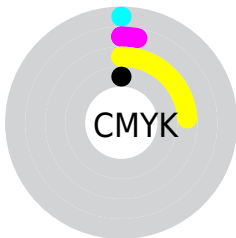
Distribution



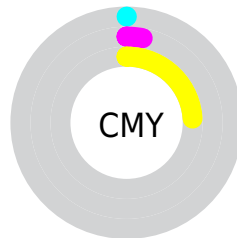
- Red (100%)
- Green (97%)
- Blue (76%)



- Red (79%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5450, 92.2898, 64.3967 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 84.5450, 92.2898, 64.3967 by changing the saturation by 10% instead.

84.5450, 92.2898,
64.3967

84.5450, 92.2898,
64.3967

498.6277,
535.4517, 458.8675

63.7867, 69.8814,
46.5238

138.6546,
150.5150, 112.7870

46.7390, 51.4298,
32.3077

172.7367,
187.1005, 144.1415

33.0364, 36.5508,
21.3299

211.9907,
229.1805, 180.8270

22.3137, 24.8599,
13.1718

256.7820,
277.1394, 223.2619

14.2055, 15.9727,
7.4148

307.4760,
331.3616, 271.8649

8.3464, 9.5048,
3.6405

364.4381,

4.3710, 5.0719,

392.2314, 327.0545

1.4303

428.0335,
460.1333, 389.2492

■ 1.9141, 2.2895,
0.1652

■ 0.5850, 0.7682,
0.0000

■ 84.5450, 92.2898,
64.3967

■ 84.5450, 92.2898,
64.3967

■ 81.0322, 89.4607,
50.2884

■ 88.5677, 95.3516,
81.1017

■ 77.9976, 86.8422,
38.6388

■ 93.1172, 98.6435,
100.5203

■ 75.4159, 84.4271,
29.3061

95.0500, 100.0000,
108.9000

■ 73.2571, 82.2032,
22.1315

■ 71.4871, 80.1570,
16.9363

■ 70.0665, 78.2725,
13.5132

■ 68.9470, 76.5303,
11.6089

■ 68.3720, 75.5240,
10.9740

Harmonies

Analogous

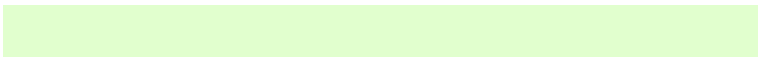
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2680, 92.2898, 65.1181



84.5450, 92.2898, 64.3967



78.0592, 92.2898, 72.2542

Triad

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



84.5450, 92.2898, 64.3967



77.2089, 92.2898, 132.0628



102.6684, 92.2898, 113.8498

Complementary

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



84.5450, 92.2898, 64.3967



61.1844, 60.4610, 103.0531

Split Complementary

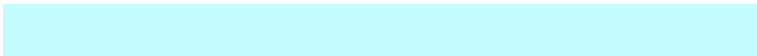
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.1439, 92.2898, 135.2580



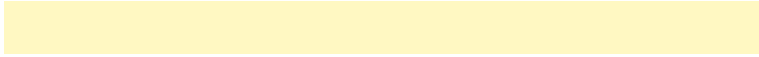
84.5450, 92.2898, 64.3967



83.3214, 92.2898, 146.7877

Square

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



84.5450, 92.2898, 64.3967



73.9937, 92.2898, 109.9727



90.9708, 92.2898, 148.0362



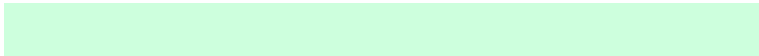
103.0438, 92.2898, 91.5648

Rectangle

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



84.5450, 92.2898, 64.3967



75.1872, 92.2898, 82.0790



90.9708, 92.2898, 148.0362



101.5706, 92.2898, 121.4620

Sweetspot

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



84.5472, 92.2938, 64.3986



91.6586, 97.6043, 94.2443



71.0889, 64.0672, 63.9510



19.5588, 20.8483, 19.9155



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

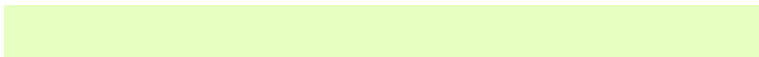
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5472, 92.2938, 64.3986



82.7002, 90.8274, 56.9156



78.6525, 92.5070, 64.7505



19.3729, 20.7140, 19.1215



35.7968, 39.6048, 5.7578



3.5338, 3.9529, 0.5767

Inverse Universe

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



61.1844, 60.4610, 103.0531



55.4293, 53.6729, 102.0462



66.0721, 60.6153, 102.8253



17.1707, 17.7130, 22.7639



9.7170, 4.3437, 49.7608



0.9976, 0.5260, 4.8622

Previews

White Background



This preview shows how the XYZ color 84.5450, 92.2898, 64.3967 looks on a white background.

Color Contrast Check

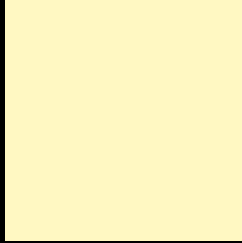
Large Text (above 18pt) WCAG AA × Fail

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 84.5450, 92.2898, 64.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

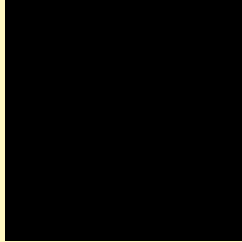
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5450, 92.2898, 64.3967

Background



This preview shows how black text looks on a background with the XYZ color 84.5450, 92.2898, 64.3967.

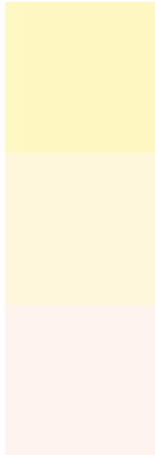


This preview shows how white text looks on a background with the XYZ color 84.5450, 92.2898,

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

84.5450, 92.2898, 64.3967

Protanopia

86.9820, 92.2860, 80.2464

Deuteranopia

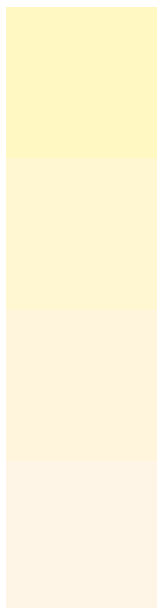
88.8767, 92.0758, 93.2089



Tritanopia

90.8613, 92.3895, 105.1395

Trichromacy



Original Color

84.5450, 92.2898, 64.3967

Protanomaly

86.1336, 92.4347, 74.2747

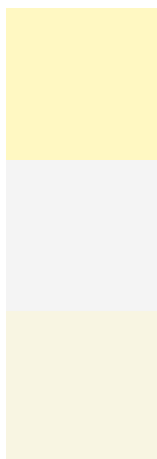
Deuteranomaly

86.9436, 91.7853, 81.5405

Tritanomaly

88.3162, 92.3343, 88.7689

Monochromacy



Original Color

84.5450, 92.2898, 64.3967

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.0913, 90.7523, 84.9837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5450, 92.2898, 64.3967 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, 248, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 194)  
}
```

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, 248, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 194) }
```

Border

The CSS property to change the border of an element to XYZ 84.5450, 92.2898, 64.3967 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, 248, 194) }
```


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

```
.border{ border-color:rgb(255, 248, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5450, 92.2898, 64.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 194) }
```

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

```
.background{ background-color: rgb(255,  
248, 194) }
```

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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