

Converting Colors

XYZ(93.9549, 97.6486, 65.3115)

Have a look what the booklet for
XYZ(93.9549, 97.6486, 65.3115)
contains.

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Color

**XYZ(84.9660, 92.9515,
65.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9C3
RGB	255, 249, 195
RGB Percent	100%, 98%, 76%
CMY	0.0000, 0.0235, 0.2353
CMYK	0.00, 0.02, 0.24, 0.00
HSL	54°, 100%, 88%
HSV	54°, 24%, 100%
XYZ	84.9660, 92.9515, 65.0930
YIQ	244.6380, 20.9100, -15.5220

Conversions

Conversions Part 2

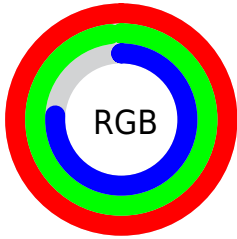
Format	Color
R _Y B	202, 255, 195
Decimal	16775619
CIE Lab	97.21, -6.31, 26.70
CIE LCh	97, 27.438, 103.289
Yxy	92.9515, 0.3496, 0.3825
Android (android.graphics.Color)	4294965699 (0xFFFFF9C3)
YUV	244.6380, -24.4715, 9.0875
Hunter-Lab	96.4114, -11.4103, 27.4578

Details

The XYZ color **84.9660, 92.9515, 65.0930** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.4419, 60.5937, 103.0652**, and the grayscale version is **86.6807, 91.1949, 99.3112**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **47.1664, 52.0688, 32.7636** is the 20% darker color. If you saturate the color by 10%, you get **81.5443, 90.3346, 50.9222**, and if you desaturate by 10%, it is **88.8953, 95.7948, 81.8643**.

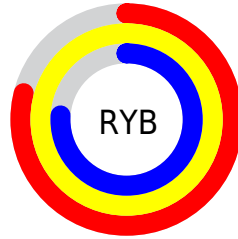
Distribution



Red (100%)

Green (98%)

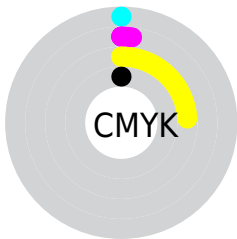
Blue (76%)



Red (79%)

Yellow (100%)

Blue (76%)

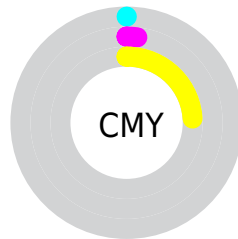


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9660, 92.9515, 65.0930 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 84.9660, 92.9515, 65.0930 by changing the saturation by 10% instead.

 84.9660, 92.9515,
65.0930

 84.9660, 92.9515,
65.0930


500.0009,
537.5859, 461.4414

 64.1357, 70.4312,
47.0847


139.2399,
151.4315, 113.7981

 47.0227, 51.8781,
32.7478


173.4143,
188.1599, 145.3320

 33.2616, 36.9080,
21.6638


212.7674,
230.3932, 182.2114

 22.4871, 25.1362,
13.4141

257.6645,
278.5157, 224.8550

 14.3339, 16.1786,
7.5802

308.4711,
332.9118, 273.6813

 8.4365, 9.6506,
3.7437

365.5524,

 4.4296, 5.1679,

393.9660, 329.1087

1.4858

429.2739,
462.0626, 391.5559

■ 1.9480, 2.3461,
0.2073

■ 0.6045, 0.7980,
0.0000

■ 84.9660, 92.9515,
65.0930

■ 84.9660, 92.9515,
65.0930

■ 81.5443, 90.3346,
50.9222

■ 88.8953, 95.7948,
81.8643

■ 78.5983, 87.9219,
39.2145

■ 93.3488, 98.8618,
101.3527

■ 76.1032, 85.7065,
29.8284

95.0500, 100.0000,
108.9000

■ 74.0288, 83.6763,
22.6058

■ 72.3414, 81.8176,
17.3691

■ 71.0018, 80.1148,
13.9122

■ 69.9622, 78.5488,
11.9841

■ 69.4052, 77.5904,
11.3184

Harmonies

Analogous

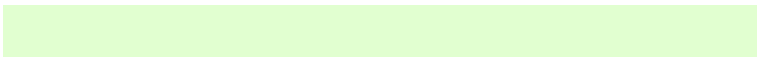
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7027, 92.9515, 65.5858



84.9660, 92.9515, 65.0930



78.5177, 92.9515, 73.2105

Triad

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



84.9660, 92.9515, 65.0930



77.9373, 92.9515, 133.3861



103.4041, 92.9515, 113.9843

Complementary

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



84.9660, 92.9515, 65.0930



61.4419, 60.5937, 103.0652

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.



98.9656, 92.9515, 135.5645



84.9660, 92.9515, 65.0930



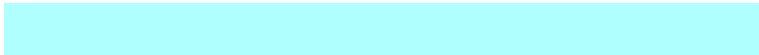
84.1311, 92.9515, 147.8388

Square

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



84.9660, 92.9515, 65.0930



74.6226, 92.9515, 111.3398



91.8178, 92.9515, 148.6898



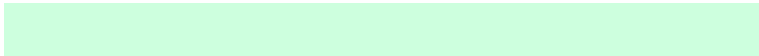
103.6601, 92.9515, 91.7110

Rectangle

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



84.9660, 92.9515, 65.0930



75.6922, 92.9515, 83.2098



91.8178, 92.9515, 148.6898



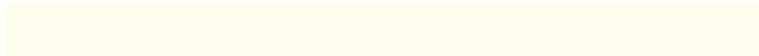
102.3404, 92.9515, 121.6315

Sweetspot

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



84.9682, 92.9556, 65.0950



91.7418, 97.7708, 94.2720



71.2984, 64.5083, 63.9531



19.5781, 20.8870, 19.9220



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

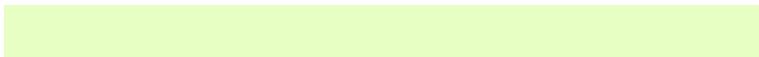
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9682, 92.9556, 65.0950



83.3765, 91.7572, 58.4444



78.5658, 92.4493, 65.3347



19.3970, 20.7622, 19.1295



36.3289, 40.6690, 5.9352



3.5802, 4.0458, 0.5922

Inverse Universe

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



61.4419, 60.5937, 103.0652



56.2940, 54.5061, 102.1615



66.7794, 61.3115, 102.9224



17.1490, 17.6695, 22.7567



9.6662, 4.2419, 49.7439



0.9874, 0.5056, 4.8588

Previews

White Background



This preview shows how the XYZ color 84.9660, 92.9515, 65.0930 looks on a white background.

Color Contrast Check

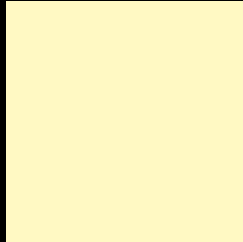
Large Text (above 18pt) WCAG AA × Fail

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 84.9660, 92.9515, 65.0930 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 84.9660, 92.9515, 65.0930

Background



This preview shows how black text looks on a background with the XYZ color 84.9660, 92.9515, 65.0930.

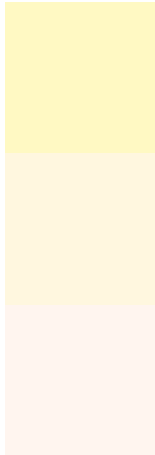


This preview shows how white text looks on a background with the XYZ color 84.9660, 92.9515,

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

84.9660, 92.9515, 65.0930

Protanopia

87.8200, 93.1092, 83.1553

Deuteranopia

89.4724, 92.7968, 94.8572



Tritanopia

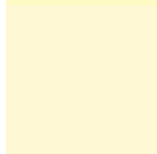
91.3203, 93.0532, 106.0765

Trichromacy



Original Color

84.9660, 92.9515, 65.0930



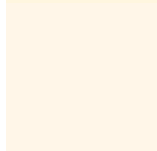
Protanomaly

86.8176, 93.1989, 76.3642



Deuteranomaly

87.5151, 92.4992, 83.0536



Tritanomaly

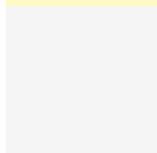
88.7613, 92.9977, 89.6161

Monochromacy



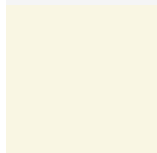
Original Color

84.9660, 92.9515, 65.0930



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.8878, 91.5973, 85.8263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9660, 92.9515, 65.0930 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, 249, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 195)  
}
```

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, 249, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 195) }
```

Border

The CSS property to change the border of an element to XYZ 84.9660, 92.9515, 65.0930 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, 249, 195) }
```


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

```
.border{ border-color:rgb(255, 249, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9660, 92.9515, 65.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 195) }
```

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

```
.background{ background-color: rgb(255,  
249, 195) }
```

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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