

Converting Colors

XYZ(84.3468, 95.4223, 65.9297)

Have a look what the booklet for
XYZ(84.3468, 95.4223, 65.9297)
contains.

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Color

**XYZ(84.4352, 95.4620,
66.2003)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFC4
RGB	248, 255, 196
RGB Percent	97%, 100%, 77%
CMY	0.0274, 0.0000, 0.2314
CMYK	0.03, 0.00, 0.23, 0.00
HSL	67°, 100%, 88%
HSV	67°, 23%, 100%
XYZ	84.4352, 95.4620, 66.2003
YIQ	246.1810, 14.7670, -19.8330

Conversions

Conversions Part 2

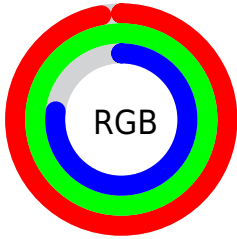
Format	Color
RYB	196, 255, 203
Decimal	16318404
CIELab	98.22, -11.67, 27.50
CIElCh	98, 29.868, 112.991
Yxy	95.4620, 0.3431, 0.3879
Android (android.graphics.Color)	4294508484 (0xFFF8FFC4)
YUV	246.1810, -24.7392, 1.5953
Hunter-Lab	97.7047, -16.7256, 28.2210

Details

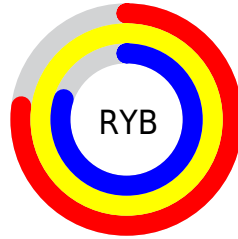
The XYZ color **84.4352, 95.4620, 66.2003** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.4195, 59.3976, 102.7828**, and the grayscale version is **87.9285, 92.5077, 100.7408**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **46.5624, 53.4175, 33.4477** is the 20% darker color. If you saturate the color by 10%, you get **80.7109, 93.8494, 52.1406**, and if you desaturate by 10%, it is **88.6711, 97.2813, 82.8616**.

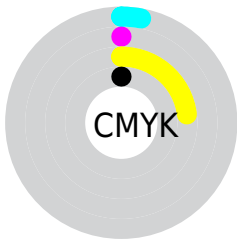
Distribution



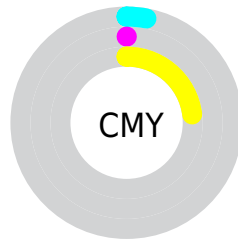
- Red (97%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.4352, 95.4620, 66.2003 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 84.4352, 95.4620, 66.2003 by changing the saturation by 10% instead.


 84.4352, 95.4620,
66.2003

 84.4352, 95.4620,
66.2003

498.2692,
545.6430, 465.5166

 63.6957, 72.5196,
47.9775


138.5019,
154.9027, 115.4035

 46.6650, 53.5832,
33.4492


172.5598,
192.1698, 147.2210

 32.9778, 38.2685,
22.1969


211.7880,
234.9805, 184.4072

 22.2686, 26.1912,
13.8019

256.5517,
283.7193, 227.3805

 14.1721, 16.9667,
7.8459

307.2163,
338.7706, 276.5596

 8.3230, 10.2108,
3.9101

364.1472,

 4.3558, 5.5389,

400.5187, 332.3630

1.5762

427.7097,
469.3480, 395.2091

■ 1.9053, 2.5668,
0.2737

■ 0.5799, 0.9100,
0.0000

■ 84.4352, 95.4620,
66.2003

■ 84.4352, 95.4620,
66.2003

■ 80.7109, 93.8494,
52.1406

■ 88.6711, 97.2813,
82.8616

■ 77.4718, 92.4328,
40.5471

■ 93.4406, 99.3160,
102.2425

■ 74.6912, 91.2016,
31.2783

95.0500, 100.0000,
108.9000

■ 72.3391, 90.1438,
24.1770

■ 70.3820, 89.2460,
19.0662

■ 68.7807, 88.4924,
15.7413

■ 67.4881, 87.8643,
13.9537

■ 66.7325, 87.4869,
13.3695

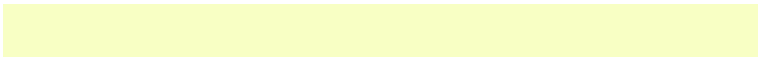
Harmonies

Analogous

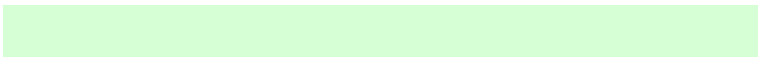
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7637, 95.4620, 63.7126



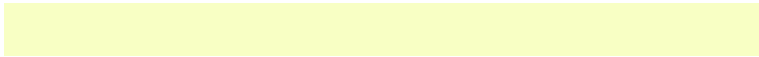
84.4352, 95.4620, 66.2003



78.1753, 95.4620, 77.9937

Triad

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



84.4352, 95.4620, 66.2003



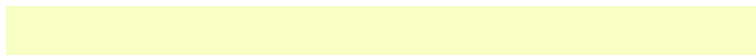
81.1521, 95.4620, 146.4674



108.1309, 95.4620, 109.8200

Complementary

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



84.4352, 95.4620, 66.2003



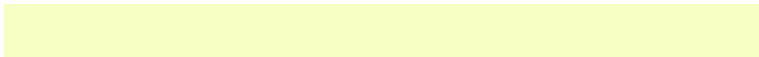
62.4195, 59.3976, 102.7828

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.



104.5700, 95.4620, 135.0880



84.4352, 95.4620, 66.2003



88.7337, 95.4620, 158.3037

Square

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



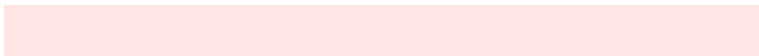
84.4352, 95.4620, 66.2003



76.3650, 95.4620, 123.5308



97.3380, 95.4620, 153.8410



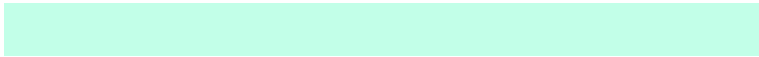
106.8006, 95.4620, 86.5417

Rectangle

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



84.4352, 95.4620, 66.2003



75.8407, 95.4620, 90.7123



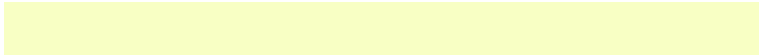
97.3380, 95.4620, 153.8410



107.4591, 95.4620, 118.3990

Sweetspot

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



84.4357, 95.4622, 66.2017



91.5332, 98.5038, 94.4245



72.5329, 67.9033, 61.5096



19.5297, 21.0573, 19.9574



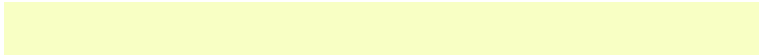
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

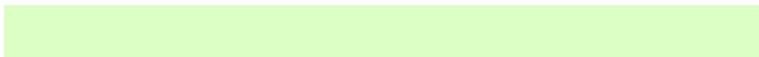
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4357, 95.4622, 66.2017



82.5618, 94.6526, 59.0462



74.8227, 90.5065, 65.7518



19.3366, 20.9749, 19.1738



34.9534, 45.7572, 6.9898



3.4607, 4.4848, 0.6833

Inverse Universe

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



62.4195, 59.3976, 102.7828



56.8637, 52.5507, 101.7540



71.1940, 63.9210, 103.1934



17.2031, 17.4809, 22.7174



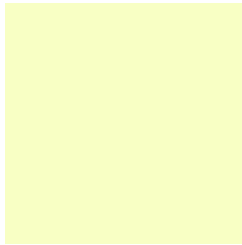
9.7778, 3.9511, 49.6819



1.0130, 0.4161, 4.8402

Previews

White Background



This preview shows how the XYZ color 84.4352, 95.4620, 66.2003 looks on a white background.

Color Contrast Check

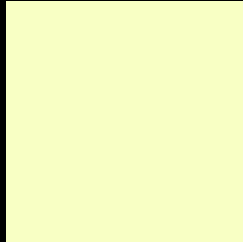
Large Text (above 18pt) WCAG AA × Fail

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 84.4352, 95.4620, 66.2003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

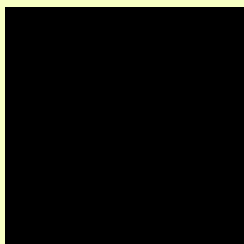
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

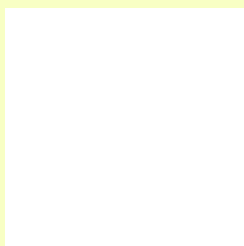
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4352, 95.4620, 66.2003

Background



This preview shows how black text looks on a background with the XYZ color 84.4352, 95.4620, 66.2003.



This preview shows how white text looks on a background with the XYZ color 84.4352, 95.4620,

Color Blindness Simulation

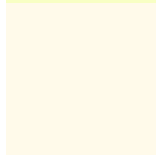
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



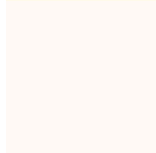
Original Color

84.4352, 95.4620, 66.2003



Protanopia

90.2769, 95.5717, 91.5310



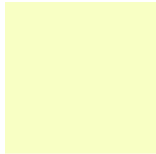
Deuteranopia

91.5971, 95.6039, 100.0119

Tritanopia

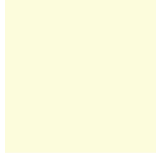
91.7623, 95.0503, 108.1179

Trichromacy



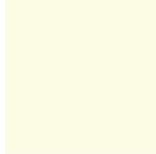
Original Color

84.4352, 95.4620, 66.2003



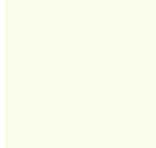
Protanomaly

87.8736, 95.4836, 81.5089



Deuteranomaly

88.5072, 95.2359, 86.3906



Tritanomaly

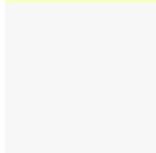
89.1321, 95.4441, 91.5667

Monochromacy



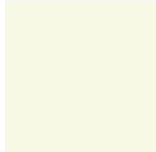
Original Color

84.4352, 95.4620, 66.2003



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.2370, 93.1270, 86.8289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4352, 95.4620, 66.2003 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(248, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 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(248, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 196) }
```

Border

The CSS property to change the border of an element to XYZ 84.4352, 95.4620, 66.2003 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(248, 255, 196) }
```


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

```
.border{ border-color:rgb(248, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4352, 95.4620, 66.2003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 196) }
```

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

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