

Converting Colors

XYZ(84.2262, 95.3347, 67.0730)

Have a look what the booklet for
XYZ(84.2262, 95.3347, 67.0730)
contains.

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Color

**XYZ(84.1958, 95.3254,
66.7854)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FFC5
RGB	247, 255, 197
RGB Percent	97%, 100%, 77%
CMY	0.0314, 0.0000, 0.2274
CMYK	0.03, 0.00, 0.23, 0.00
HSL	68°, 100%, 89%
HSV	68°, 23%, 100%
XYZ	84.1958, 95.3254, 66.7854
YIQ	245.9960, 13.8500, -19.7340

Conversions

Conversions Part 2

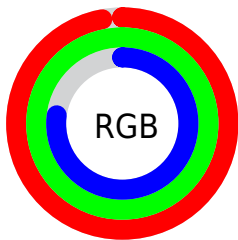
Format	Color
R_{YB}	197, 255, 205
Decimal	16252869
CIE _{Lab}	98.16, -11.89, 26.90
CIE _{LCh}	98, 29.412, 113.836
Yxy	95.3254, 0.3418, 0.3870
Android (android.graphics.Color)	4294442949 (0xFFFF7FFC5)
YUV	245.9960, -24.1550, 0.8805
Hunter-Lab	97.6347, -16.9304, 27.7880

Details

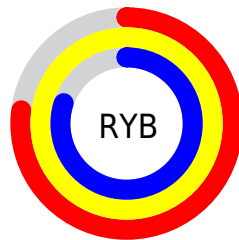
The XYZ color **84.1958, 95.3254, 66.7854** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.1941, 60.1329, 102.8839**, and the grayscale version is **87.7747, 92.3458, 100.5645**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **46.3872, 53.3185, 33.8332** is the 20% darker color. If you saturate the color by 10%, you get **80.2879, 93.6203, 52.6185**, and if you desaturate by 10%, it is **88.6224, 97.2407, 83.5592**.

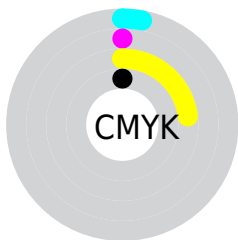
Distribution



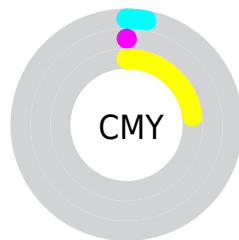
- Red (97%)
- Green (100%)
- Blue (77%)



- 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 84.1958, 95.3254, 66.7854 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 84.1958, 95.3254, 66.7854 by changing the saturation by 10% instead.


 84.1958, 95.3254,
66.7854

 84.1958, 95.3254,
66.7854


497.4871,
545.2062, 467.6612

 63.4974, 72.4058,
48.4497


138.1689,
154.7141, 116.2506

 46.5038, 53.4903,
33.8207


172.1742,
191.9520, 148.2172

 32.8499, 38.1943,
22.4796


211.3459,
234.7315, 185.5645

 22.1702, 26.1335,
14.0081

256.0493,
283.4369, 228.7112

 14.0993, 16.9236,
7.9875

306.6498,
338.4527, 278.0756

 8.2719, 10.1800,
3.9993

363.5127,

 4.3227, 5.5185,

400.1632, 334.0764

1.6249

427.0033,
468.9529, 397.1321

■ 1.8863, 2.5546,
0.3085

■ 0.5688, 0.9039,
0.0000

■ 84.1958, 95.3254,
66.7854

■ 84.1958, 95.3254,
66.7854

■ 80.2879, 93.6203,
52.6185

■ 88.6224, 97.2407,
83.5592

■ 76.8722, 92.1147,
40.9234

■ 93.5894, 99.3749,
103.0574

■ 73.9221, 90.7981,
31.5592

■ 95.0500, 100.0000,
108.9000

■ 71.4077, 89.6584,
24.3692

■ 69.2954, 88.6822,
19.1775

■ 67.5466, 87.8541,
15.7805

■ 66.1142, 87.1551,
13.9321

■ 65.2233, 86.7089,
13.2989

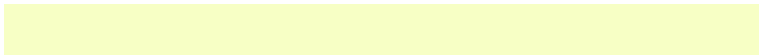
Harmonies

Analogous

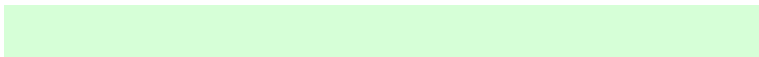
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3597, 95.3254, 64.0659



84.1958, 95.3254, 66.7854



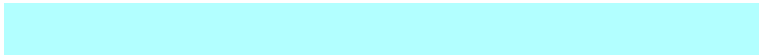
78.1105, 95.3254, 78.6865

Triad

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



84.1958, 95.3254, 66.7854



81.3511, 95.3254, 146.0707



107.7353, 95.3254, 108.8699

Complementary

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



84.1958, 95.3254, 66.7854



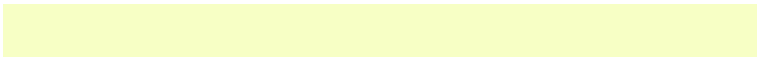
63.1941, 60.1329, 102.8839

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.



104.3632, 95.3254, 133.7418



84.1958, 95.3254, 66.7854



88.8706, 95.3254, 157.2653

Square

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



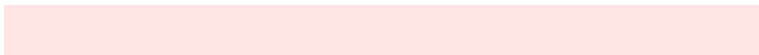
84.1958, 95.3254, 66.7854



76.5409, 95.3254, 123.7544



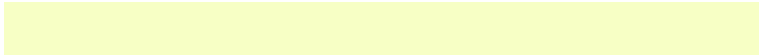
97.3292, 95.3254, 152.4352



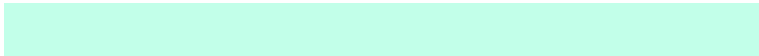
106.2919, 95.3254, 86.1028

Rectangle

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



84.1958, 95.3254, 66.7854



75.8785, 95.3254, 91.3714



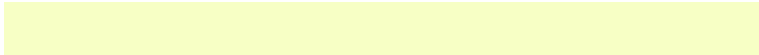
97.3292, 95.3254, 152.4352



107.1210, 95.3254, 117.2925

Sweetspot

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



84.1963, 95.3256, 66.7868



91.4080, 98.4392, 94.4187



73.0864, 68.8274, 62.2577



19.5006, 21.0423, 19.9560



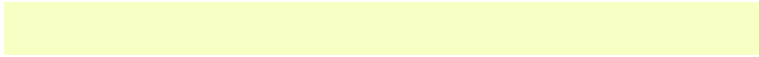
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

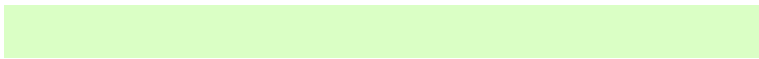
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1963, 95.3256, 66.7868



82.4710, 94.5747, 60.4461



74.8320, 90.4981, 66.3485



19.3004, 20.9563, 19.1721



34.1757, 45.3563, 6.9534



3.3925, 4.4497, 0.6801

Inverse Universe

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



63.1941, 60.1329, 102.8839



58.3136, 54.0894, 101.9746



71.8612, 64.6010, 103.2895



17.2360, 17.4979, 22.7189



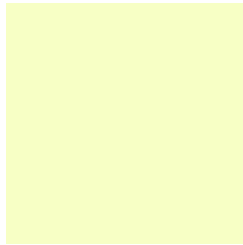
9.8673, 3.9972, 49.6861



1.0284, 0.4241, 4.8409

Previews

White Background



This preview shows how the XYZ color 84.1958, 95.3254, 66.7854 looks on a white background.

Color Contrast Check

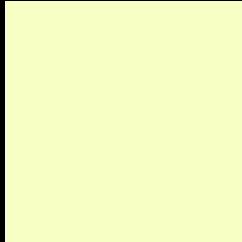
Large Text (above 18pt) WCAG AA × Fail

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 84.1958, 95.3254, 66.7854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

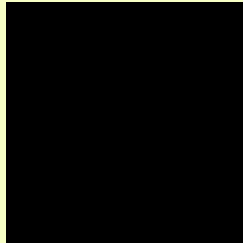
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

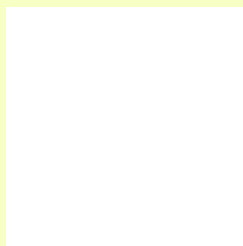
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1958, 95.3254, 66.7854

Background



This preview shows how black text looks on a background with the XYZ color 84.1958, 95.3254, 66.7854.



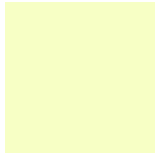
This preview shows how white text looks on a background with the XYZ color 84.1958, 95.3254,

66.7854.

Color Blindness Simulation

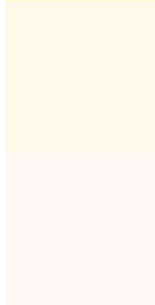
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.1958, 95.3254, 66.7854



Protanopia

89.9670, 94.9519, 91.4277

Deuteranopia

91.1365, 94.9265, 99.1072

Tritanopia

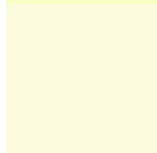
91.7623, 95.0503, 108.1179

Trichromacy



Original Color

84.1958, 95.3254, 66.7854



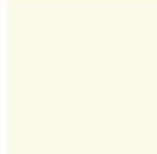
Protanomaly

87.6932, 94.9103, 82.1042



Deuteranomaly

88.5072, 95.2359, 86.3906



Tritanomaly

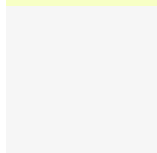
88.7728, 95.2589, 91.5499

Monochromacy



Original Color

84.1958, 95.3254, 66.7854



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

85.8853, 92.9456, 86.8124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1958, 95.3254, 66.7854 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(247, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 197)  
}
```

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(247, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 197) }
```

Border

The CSS property to change the border of an element to XYZ 84.1958, 95.3254, 66.7854 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(247, 255, 197) }
```


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

```
.border{ border-color:rgb(247, 255, 197) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1958, 95.3254, 66.7854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 197) }
```

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

```
.background{ background-color: rgb(247,  
255, 197) }
```

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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