

Converting Colors

XYZ(85.5027, 93.4682, 66.9882)

Have a look what the booklet for
XYZ(85.5027, 93.4682, 66.9882)
contains.

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Color

**XYZ(85.6186, 93.7084,
67.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAC6
RGB	255, 250, 198
RGB Percent	100%, 98%, 78%
CMY	0.0000, 0.0196, 0.2235
CMYK	0.00, 0.02, 0.22, 0.00
HSL	55°, 100%, 89%
HSV	55°, 22%, 100%
XYZ	85.6186, 93.7084, 67.0010
YIQ	245.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

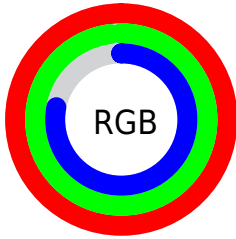
Format	Color
R_{YB}	203, 255, 198
Decimal	16775878
CIE _{Lab}	97.51, -6.40, 25.60
CIE _{LCh}	98, 26.389, 104.031
Yxy	93.7084, 0.3476, 0.3804
Android (android.graphics.Color)	4294965958 (0xFFFFFAC6)
YUV	245.5670, -23.4505, 8.2727
Hunter-Lab	96.8031, -11.5291, 26.7254

Details

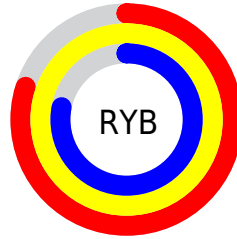
The XYZ color **85.6186, 93.7084, 67.0010** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.6942, 61.9359, 103.2582**, and the grayscale version is **87.4218, 91.9746, 100.1603**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6145, 52.6030, 34.0294** is the 20% darker color. If you saturate the color by 10%, you get **82.2322, 91.2528, 52.5625**, and if you desaturate by 10%, it is **89.5131, 96.3868, 84.0542**.

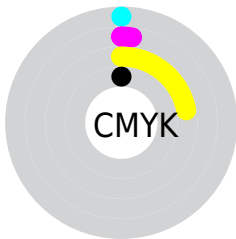
Distribution



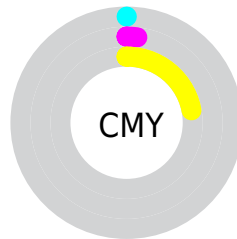
- Red (100%)
- Green (98%)
- Blue (78%)



- Red (80%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6186, 93.7084, 67.0010 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 85.6186, 93.7084, 67.0010 by changing the saturation by 10% instead.


 85.6186, 93.7084,
67.0010

 85.6186, 93.7084,
67.0010


502.1257,
540.0217, 468.4499

 64.6768, 71.0604,
48.6238


140.1467,
152.4790, 116.5625

 47.4628, 52.3915,
33.9577


174.4638,
189.3704, 148.5839

 33.6112, 37.3172,
22.5840


213.9700,
231.7785, 185.9905

 22.7565, 25.4532,
14.0842


259.0307,
280.0875, 229.2008

 14.5335, 16.4150,
8.0399

310.0112,
334.6820, 278.6334

 8.5768, 9.8183,
4.0323

367.2770,

 4.5211, 5.2787,

395.9463, 334.7067

1.6431

431.1934,
464.2647, 397.8394

■ 2.0010, 2.4117,
0.3213

■ 0.6345, 0.8319,
0.0000

■ 85.6186, 93.7084,
67.0010

■ 85.6186, 93.7084,
67.0010

■ 82.2322, 91.2528,
52.5625

■ 89.5131, 96.3868,
84.0542

■ 79.3221, 88.9976,
40.6022

■ 93.9318, 99.2849,
103.8374

■ 76.8638, 86.9363,
30.9802

■ 95.0500, 100.0000,
108.9000

■ 74.8275, 85.0567,
23.5406

■ 73.1799, 83.3456,
18.1081

■ 71.8828, 81.7876,
14.4808

■ 70.8896, 80.3641,
12.4144

■ 70.2826, 79.3452,
11.6109

Harmonies

Analogous

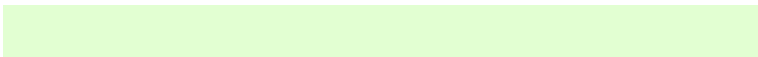
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0909, 93.7084, 67.2743



85.6186, 93.7084, 67.0010



79.4214, 93.7084, 75.1428

Triad

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



85.6186, 93.7084, 67.0010



79.1025, 93.7084, 133.4910



103.6528, 93.7084, 113.8137

Complementary

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



85.6186, 93.7084, 67.0010



62.6942, 61.9359, 103.2582

Split Complementary

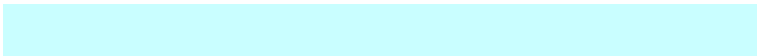
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.4636, 93.7084, 134.6753



85.6186, 93.7084, 67.0010



85.1608, 93.7084, 147.0781

Square

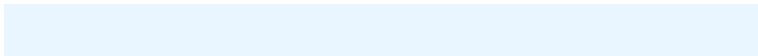
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6186, 93.7084, 67.0010



75.8047, 93.7084, 112.3695



92.6068, 93.7084, 147.5396



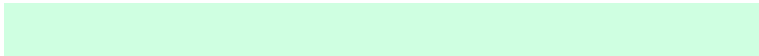
103.7925, 93.7084, 92.3498

Rectangle

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



85.6186, 93.7084, 67.0010



76.7291, 93.7084, 85.0060



92.6068, 93.7084, 147.5396



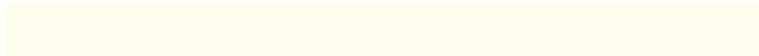
102.6614, 93.7084, 121.1931

Sweetspot

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



85.6209, 93.7125, 67.0030



91.8111, 97.9095, 94.2952



72.2979, 65.9945, 65.8672



19.5942, 20.9192, 19.9273



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

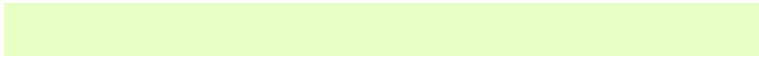
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6209, 93.7125, 67.0030



83.9847, 92.5432, 59.9742



79.2972, 92.7868, 67.1576



19.4171, 20.8024, 19.1362



36.7806, 41.5724, 6.0857



3.6195, 4.1244, 0.6053

Inverse Universe

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



62.6942, 61.9359, 103.2582



57.2258, 55.4571, 102.2959



68.0029, 62.9501, 103.1742



17.1309, 17.6334, 22.7506



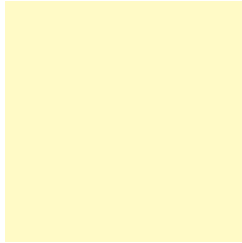
9.6282, 4.1660, 49.7312



0.9789, 0.4886, 4.8560

Previews

White Background



This preview shows how the XYZ color 85.6186, 93.7084, 67.0010 looks on a white background.

Color Contrast Check

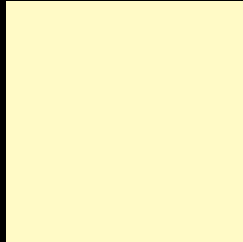
Large Text (above 18pt) WCAG AA × Fail

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 85.6186, 93.7084, 67.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

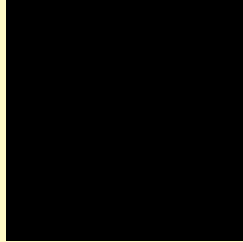
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.6186, 93.7084, 67.0010

Background



This preview shows how black text looks on a background with the XYZ color 85.6186, 93.7084, 67.0010.

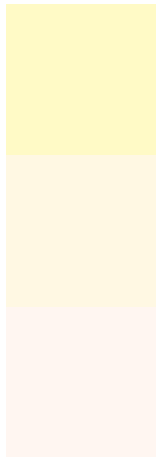


This preview shows how white text looks on a background with the XYZ color 85.6186, 93.7084,

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

85.6186, 93.7084, 67.0010

Protanopia

88.6725, 93.9409, 86.1319

Deuteranopia

90.0730, 93.5224, 96.5234



Tritanopia

91.7818, 93.7206, 107.0184

Trichromacy



Original Color

85.6186, 93.7084, 67.0010

Protanomaly

87.5104, 93.9692, 78.4913

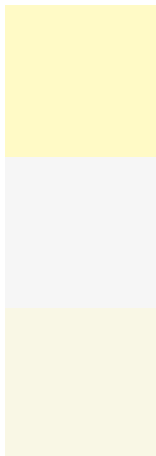
Deuteranomaly

88.0914, 93.2178, 84.5841

Tritanomaly

89.3520, 93.7220, 91.2227

Monochromacy



Original Color

85.6186, 93.7084, 67.0010

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.4705, 92.3184, 87.3905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6186, 93.7084, 67.0010 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, 250, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 198)  
}
```

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, 250, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 198) }
```

Border

The CSS property to change the border of an element to XYZ 85.6186, 93.7084, 67.0010 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, 250, 198) }
```


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

```
.border{ border-color:rgb(255, 250, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6186, 93.7084, 67.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 198) }
```

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

```
.background{ background-color: rgb(255,  
250, 198) }
```

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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