

Converting Colors

XYZ(85.2458, 100.0000,
59.2602)

Have a look what the booklet for
XYZ(85.2458, 100.0000, 59.2602)
contains.

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Color

**XYZ(82.5613, 94.6716,
58.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FFB6
RGB	247, 255, 182
RGB Percent	97%, 100%, 71%
CMY	0.0314, 0.0000, 0.2863
CMYK	0.03, 0.00, 0.29, 0.00
HSL	67°, 100%, 86%
HSV	67°, 29%, 100%
XYZ	82.5613, 94.6716, 58.1780
YIQ	244.2860, 18.6650, -24.3990

Conversions

Conversions Part 2

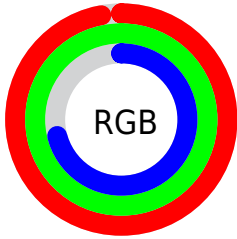
Format	Color
R_{YB}	182, 255, 190
Decimal	16252854
CIE _{Lab}	97.90, -13.89, 34.09
CIE _{LCh}	98, 36.811, 112.162
Yxy	94.6716, 0.3507, 0.4022
Android (android.graphics.Color)	4294442934 (0xFFFF7FFB6)
YUV	244.2860, -30.7070, 2.3802
Hunter-Lab	97.2993, -18.8114, 32.6584

Details

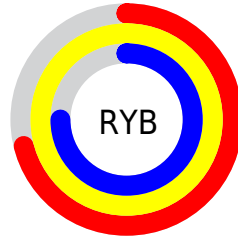
The XYZ color **82.5613, 94.6716, 58.1780** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.0142, 51.6243, 101.6200**, and the grayscale version is **86.4450, 90.9468, 99.0411**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **45.3256, 52.8938, 28.2427** is the 20% darker color. If you saturate the color by 10%, you get **79.1831, 93.2073, 45.4935**, and if you desaturate by 10%, it is **86.4349, 96.3357, 73.3931**.

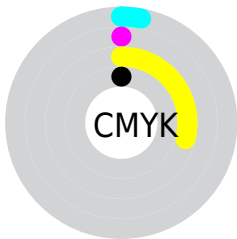
Distribution



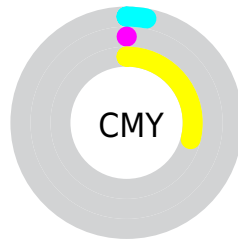
- Red (97%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5613, 94.6716, 58.1780 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 82.5613, 94.6716, 58.1780 by changing the saturation by 10% instead.


 82.5613, 94.6716,
58.1780

 82.5613, 94.6716,
58.1780

492.1294,
543.1131, 435.4656

 62.1440, 71.8617,
41.5361


 135.8926,
153.8108, 103.6994

 45.4051, 53.0457,
28.4154


169.5373,
190.9089, 133.4159

 31.9793, 37.8392,
18.3973


208.3218,
233.5385, 168.3278

 21.5011, 25.8579,
11.0632

252.6115,
282.0841, 208.8535

 13.6053, 16.7174,
5.9946

302.7717,
336.9299, 255.4116

 7.9266, 10.0332,
2.7731

359.1679,

 4.0994, 5.4210,

398.4604, 308.4206

0.9800

422.1653,
467.0600, 368.2991

■ 1.7585, 2.4963,
0.0000

■ 0.4925, 0.8748,
0.0000

■ 82.5613, 94.6716,
58.1780

■ 82.5613, 94.6716,
58.1780

■ 79.1831, 93.2073,
45.4935

■ 86.4349, 96.3357,
73.3931

■ 76.2731, 91.9320,
35.1982

■ 90.8270, 98.2090,
91.2618

■ 73.8031, 90.8344,
27.1434

95.0500, 100.0000,
108.9000

■ 71.7412, 89.9017,
21.1615

■ 70.0511, 89.1194,
17.0619

■ 68.6899, 88.4704,
14.6187

■ 67.5964, 87.9300,
13.5101

■ 67.4560, 87.8599,
13.4033

Harmonies

Analogous

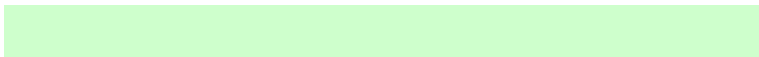
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7709, 94.6716, 55.6603



82.5613, 94.6716, 58.1780



74.9258, 94.6716, 71.4554

Triad

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



82.5613, 94.6716, 58.1780



78.1291, 94.6716, 155.9709



111.5596, 94.6716, 111.1897

Complementary

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



82.5613, 94.6716, 58.1780



56.0142, 51.6243, 101.6200

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.



106.9322, 94.6716, 142.8843



82.5613, 94.6716, 58.1780



87.2506, 94.6716, 171.8287

Square

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



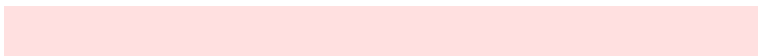
82.5613, 94.6716, 58.1780



72.5094, 94.6716, 126.5303



97.8356, 94.6716, 166.6228



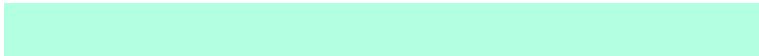
110.0588, 94.6716, 82.7246

Rectangle

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



82.5613, 94.6716, 58.1780



72.0580, 94.6716, 86.3251



97.8356, 94.6716, 166.6228



110.6573, 94.6716, 121.8765

Sweetspot

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



82.5617, 94.6717, 58.1793



90.6533, 98.1351, 90.5452



67.9464, 61.1629, 52.4818



19.2603, 20.9440, 18.7908



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

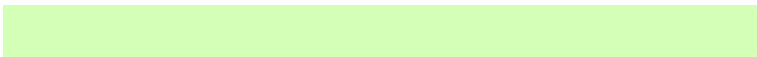
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5617, 94.6717, 58.1793



80.6863, 93.8607, 51.0568



71.1255, 88.7762, 57.6441



19.3536, 20.9837, 19.1746



35.3260, 45.9493, 7.0072



3.4932, 4.5016, 0.6848

Inverse Universe

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



56.0142, 51.6243, 101.6200



50.4226, 44.7776, 100.5931



66.0801, 56.8135, 102.0910



17.1878, 17.4730, 22.7167



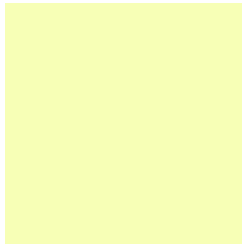
9.7399, 3.9316, 49.6801



1.0058, 0.4124, 4.8399

Previews

White Background



This preview shows how the XYZ color 82.5613, 94.6716, 58.1780 looks on a white background.

Color Contrast Check

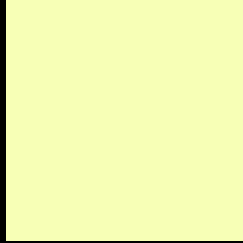
Large Text (above 18pt) WCAG AA × Fail

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 82.5613, 94.6716, 58.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

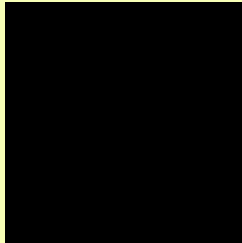
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5613, 94.6716, 58.1780

Background



This preview shows how black text looks on a background with the XYZ color 82.5613, 94.6716, 58.1780.



This preview shows how white text looks on a background with the XYZ color 82.5613, 94.6716,

58.1780.

Color Blindness Simulation

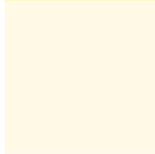
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



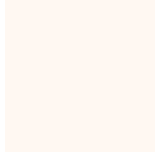
Original Color

82.5613, 94.6716, 58.1780



Protanopia

89.2585, 94.6685, 87.6972



Deuteranopia

90.8344, 94.8056, 97.5162

Tritanopia

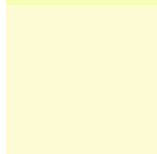
91.4556, 94.4370, 108.0157

Trichromacy



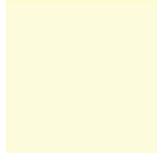
Original Color

82.5613, 94.6716, 58.1780



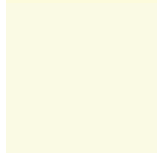
Protanomaly

86.5257, 94.4433, 75.9563



Deuteranomaly

87.5603, 94.8571, 81.4045



Tritanomaly

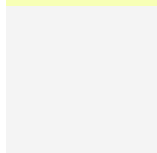
87.6135, 94.2966, 86.9821

Monochromacy



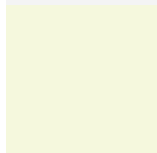
Original Color

82.5613, 94.6716, 58.1780



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.2747, 91.7677, 81.6778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5613, 94.6716, 58.1780 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 182) }
```

Border

The CSS property to change the border of an element to XYZ 82.5613, 94.6716, 58.1780 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, 182) }
```


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

```
.border{ border-color:rgb(247, 255, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5613, 94.6716, 58.1780 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, 182) }
```

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

```
.background{ background-color: rgb(247,  
255, 182) }
```

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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