

Converting Colors

XYZ(82.5251, 94.5352, 63.4957)

Have a look what the booklet for
XYZ(82.5251, 94.5352, 63.4957)
contains.

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Color

**XYZ(82.5827, 94.5589,
63.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFC0
RGB	244, 255, 192
RGB Percent	96%, 100%, 75%
CMY	0.0431, 0.0000, 0.2470
CMYK	0.04, 0.00, 0.25, 0.00
HSL	70°, 100%, 88%
HSV	70°, 25%, 100%
XYZ	82.5827, 94.5589, 63.7683
YIQ	244.5290, 13.6670, -21.9250

Conversions

Conversions Part 2

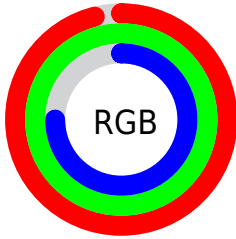
Format	Color
RYB	192, 255, 203
Decimal	16056256
CIELab	97.86, -13.65, 28.97
CIELCh	98, 32.027, 115.226
Yxy	94.5589, 0.3428, 0.3925
Android (android.graphics.Color)	4294246336 (0xFFFF4FFC0)
YUV	244.5290, -25.8968, -0.4639
Hunter-Lab	97.2414, -18.5805, 29.1882

Details

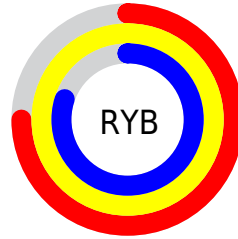
The XYZ color **82.5827, 94.5589, 63.7683** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.5292, 57.6170, 102.4860**, and the grayscale version is **86.6056, 91.1158, 99.2251**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **45.2750, 52.7879, 31.8476** is the 20% darker color. If you saturate the color by 10%, you get **78.4712, 92.7380, 50.0828**, and if you desaturate by 10%, it is **87.2220, 96.5953, 80.0364**.

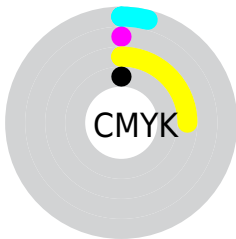
Distribution



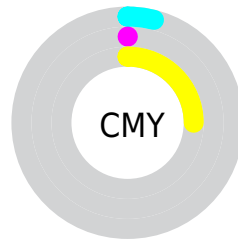
- Red (96%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5827, 94.5589, 63.7683 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 82.5827, 94.5589, 63.7683 by changing the saturation by 10% instead.


 82.5827, 94.5589,
63.7683

 82.5827, 94.5589,
63.7683


492.1997,
542.7519, 456.5369

 62.1617, 71.7679,
46.0181


 135.9224,
153.6551, 111.8734

 45.4195, 52.9691,
31.9113


169.5718,
190.7290, 143.0654

 31.9906, 37.7781,
21.0295


208.3614,
233.3328, 179.5750

 21.5099, 25.8105,
12.9541

252.6566,
281.8507, 221.8209

 13.6118, 16.6819,
7.2666

302.8226,
336.6671, 270.2214

 7.9310, 10.0080,
3.5484

359.2249,

 4.1023, 5.4043,

398.1666, 325.1953

1.3810

422.2288,
466.7333, 387.1609

■ 1.7602, 2.4863,
0.1269

■ 0.4935, 0.8698,
0.0000

■ 82.5827, 94.5589,
63.7683

■ 82.5827, 94.5589,
63.7683

■ 78.4712, 92.7380,
50.0828

■ 87.2220, 96.5953,
80.0364

■ 74.8606, 91.1217,
38.8429

■ 92.4115, 98.8561,
99.0064

■ 71.7237, 89.6991,
29.9050

95.0500, 100.0000,
108.9000

■ 69.0297, 88.4580,
23.1092

■ 66.7442, 87.3844,
18.2749

■ 64.8269, 86.4622,
15.1918

■ 63.2286, 85.6718,
13.6018

■ 62.4744, 85.2918,
13.1702

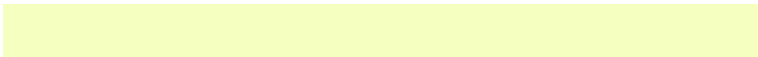
Harmonies

Analogous

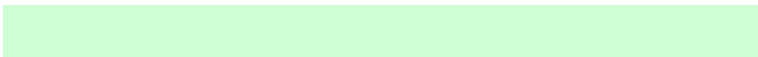
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3477, 94.5589, 60.4621



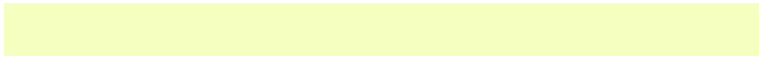
82.5827, 94.5589, 63.7683



76.1828, 94.5589, 76.8088

Triad

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



82.5827, 94.5589, 63.7683



80.2087, 94.5589, 150.1477



108.5755, 94.5589, 107.2094

Complementary

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



82.5827, 94.5589, 63.7683



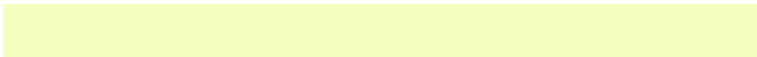
61.5292, 57.6170, 102.4860

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.



105.1176, 94.5589, 134.4572



82.5827, 94.5589, 63.7683



88.4190, 94.5589, 161.7848

Square

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



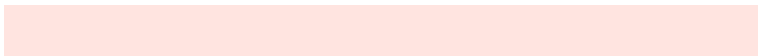
82.5827, 94.5589, 63.7683



74.8788, 94.5589, 125.9642



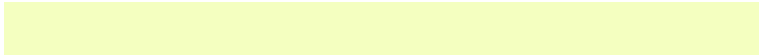
97.5853, 94.5589, 155.6056



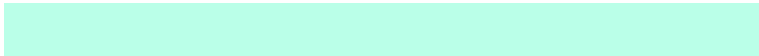
106.7515, 94.5589, 82.9398

Rectangle

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



82.5827, 94.5589, 63.7683



73.9122, 94.5589, 90.6354



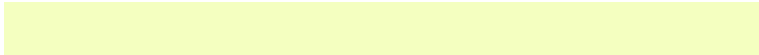
97.5853, 94.5589, 155.6056



107.9859, 94.5589, 116.3510

Sweetspot

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



82.5831, 94.5591, 63.7697



91.1707, 98.3169, 94.4076



71.9932, 67.5429, 59.1131



19.4455, 21.0139, 19.9535



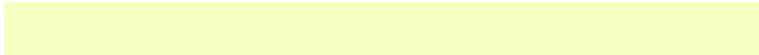
0.0000, 0.0000, 0.0000



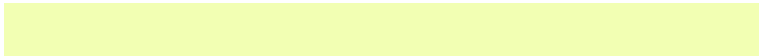
20.3446, 21.4041, 23.3091

Same Dimension

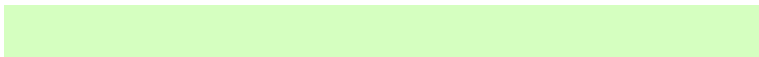
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5831, 94.5591, 63.7697



80.3418, 93.5686, 56.2093



72.7157, 89.4722, 63.3079



19.2317, 20.9209, 19.1688



32.7580, 44.6254, 6.8870



3.2676, 4.3853, 0.6742

Inverse Universe

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



61.5292, 57.6170, 102.4860



55.7721, 50.4479, 101.4057



70.8321, 62.4128, 102.9214



17.2986, 17.5302, 22.7219



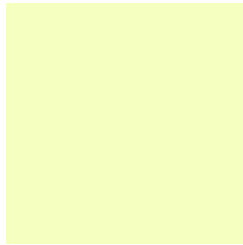
10.0713, 4.1024, 49.6956



1.0581, 0.4394, 4.8423

Previews

White Background



This preview shows how the XYZ color 82.5827, 94.5589, 63.7683 looks on a white background.

Color Contrast Check

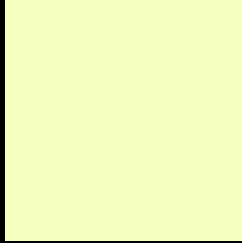
Large Text (above 18pt) WCAG AA × Fail

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 82.5827, 94.5589, 63.7683 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 82.5827, 94.5589, 63.7683

Background



This preview shows how black text looks on a background with the XYZ color 82.5827, 94.5589, 63.7683.

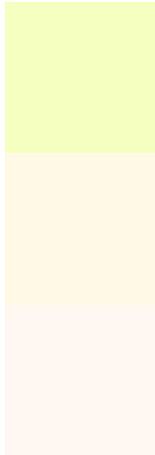


This preview shows how white text looks on a background with the XYZ color 82.5827, 94.5589,

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

82.5827, 94.5589, 63.7683

Protanopia

89.2585, 94.6685, 87.6972

Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

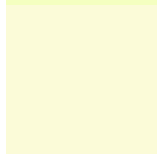
91.0944, 94.2508, 107.9988

Trichromacy



Original Color

82.5827, 94.5589, 63.7683



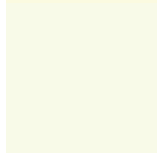
Protanomaly

86.6755, 94.4615, 78.6303



Deuteranomaly

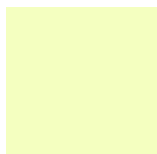
87.4238, 94.2623, 84.1077



Tritanomaly

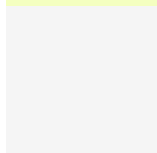
87.4625, 94.1539, 89.9077

Monochromacy



Original Color

82.5827, 94.5589, 63.7683



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.2593, 92.6548, 85.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5827, 94.5589, 63.7683 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(244, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 192)  
}
```

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(244, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 82.5827, 94.5589, 63.7683 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(244, 255, 192) }
```


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

```
.border{ border-color:rgb(244, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5827, 94.5589, 63.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 192) }
```

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

```
.background{ background-color: rgb(244,  
255, 192) }
```

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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