

Converting Colors

XYZ(82.2802, 89.1341, 59.4060)

Have a look what the booklet for
XYZ(82.2802, 89.1341, 59.4060)
contains.

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Color

**XYZ(82.1535, 88.9064,
59.2851)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3BA
RGB	255, 243, 186
RGB Percent	100%, 95%, 73%
CMY	0.0000, 0.0470, 0.2706
CMYK	0.00, 0.05, 0.27, 0.00
HSL	50°, 100%, 86%
HSV	50°, 27%, 100%
XYZ	82.1535, 88.9064, 59.2851
YIQ	240.0900, 25.4490, -15.1830

Conversions

Conversions Part 2

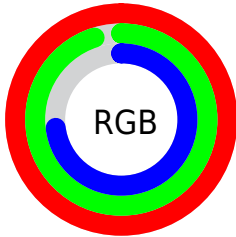
Format	Color
R_{YB}	201, 255, 186
Decimal	16774074
CIE _{Lab}	95.54, -4.50, 29.00
CIE _{LCh}	96, 29.345, 98.816
Yxy	88.9064, 0.3567, 0.3860
Android (android.graphics.Color)	4294964154 (0xFFFFF3BA)
YUV	240.0900, -26.6664, 13.0761
Hunter-Lab	94.2902, -9.4837, 28.7245

Details

The XYZ color **82.1535, 88.9064, 59.2851** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.4933, 58.0456, 102.7287**, and the grayscale version is **83.0851, 87.4120, 95.1917**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **45.2239, 49.2124, 28.9452** is the 20% darker color. If you saturate the color by 10%, you get **78.3711, 85.2996, 45.8224**, and if you desaturate by 10%, it is **86.4561, 92.7788, 75.3100**.

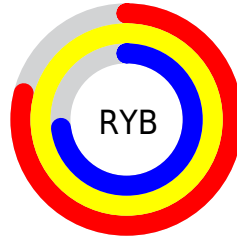
Distribution



Red (100%)

Green (95%)

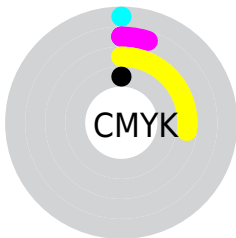
Blue (73%)



Red (79%)

Yellow (100%)

Blue (73%)

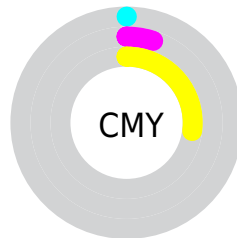


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1535, 88.9064, 59.2851 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 82.1535, 88.9064, 59.2851 by changing the saturation by 10% instead.


 82.1535, 88.9064,
59.2851

 82.1535, 88.9064,
59.2851

490.7877,
524.4670, 439.6889

 61.8066, 67.0740,
42.4211


 135.3239,
145.8184, 105.3251

 45.1315, 49.1447,
29.1032


168.8782,
181.6668, 135.3382

 31.7627, 34.7343,
18.9126

207.5656,
222.9559, 170.5715

 21.3350, 23.4583,
11.4310

251.7516,
270.0702, 211.4435

 13.4829, 14.9323,
6.2397

301.8014,
323.3941, 258.3726

 7.8412, 8.7719,
2.9202

358.0805,

 4.0445, 4.5927,

383.3119, 311.7776

1.0541

420.9541,
450.2081, 372.0768

■ 1.7273, 2.0103,
0.0000

■ 0.4733, 0.6135,
0.0000

■ 82.1535, 88.9064,
59.2851

■ 82.1535, 88.9064,
59.2851

■ 78.3711, 85.2996,
45.8224

■ 86.4561, 92.7788,
75.3100

■ 75.0765, 81.9356,
34.7807

■ 91.2965, 96.9147,
94.0170

■ 72.2434, 78.8068,
26.0138

95.0500, 100.0000,
108.9000

■ 69.8404, 75.9002,
19.3572

■ 67.8319, 73.2012,
14.6244

■ 66.1760, 70.6927,
11.5962

■ 64.8194, 68.3529,
9.9925

■ 64.4536, 67.6872,
9.6679

Harmonies

Analogous

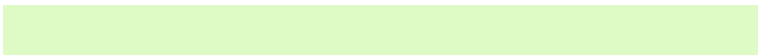
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2184, 88.9064, 61.0849



82.1535, 88.9064, 59.2851



75.1704, 88.9064, 66.2190

Triad

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



82.1535, 88.9064, 59.2851



73.0112, 88.9064, 127.3221



99.7669, 88.9064, 113.7162

Complementary

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



82.1535, 88.9064, 59.2851



58.4933, 58.0456, 102.7287

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.



94.5775, 88.9064, 135.5989



82.1535, 88.9064, 59.2851



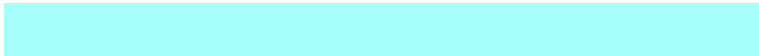
79.0340, 88.9064, 144.2805

Square

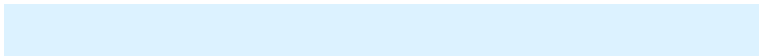
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1535, 88.9064, 59.2851



70.1164, 88.9064, 103.7558



86.8966, 88.9064, 147.5285



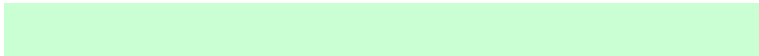
100.7338, 88.9064, 90.1698

Rectangle

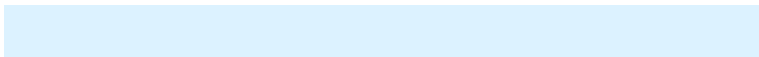
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1535, 88.9064, 59.2851



71.9447, 88.9064, 75.6242



86.8966, 88.9064, 147.5285



98.4434, 88.9064, 121.6093

Sweetspot

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



82.1557, 88.9104, 59.2870



90.8168, 96.5134, 92.1370



69.0678, 60.4861, 61.8558



19.2768, 20.5218, 19.0894



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.



82.1557, 88.9104, 59.2870



80.2225, 87.0944, 52.3211



78.2767, 92.4143, 60.1677



19.2768, 20.5218, 19.0894



33.7767, 35.5647, 5.0844



3.3562, 3.5977, 0.5175

Inverse Universe

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



58.4933, 58.0456, 102.7287



53.2666, 51.9389, 101.8255



61.5801, 55.7271, 102.1185



17.2582, 17.8880, 22.7931



9.9822, 4.8739, 49.8492



1.0389, 0.6085, 4.8760

Previews

White Background



This preview shows how the XYZ color 82.1535, 88.9064, 59.2851 looks on a white background.

Color Contrast Check

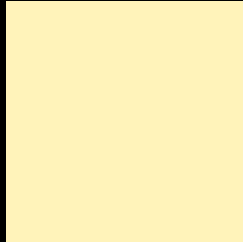
Large Text (above 18pt) WCAG AA × Fail

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 82.1535, 88.9064, 59.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

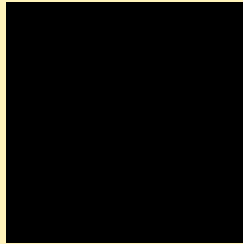
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1535, 88.9064, 59.2851

Background



This preview shows how black text looks on a background with the XYZ color 82.1535, 88.9064, 59.2851.

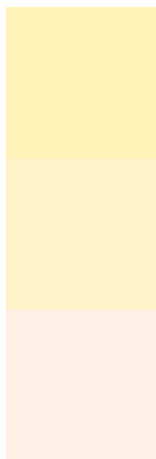


This preview shows how white text looks on a background with the XYZ color 82.1535, 88.9064,

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

82.1535, 88.9064, 59.2851

Protanopia

83.4175, 88.9344, 67.4131

Deuteranopia

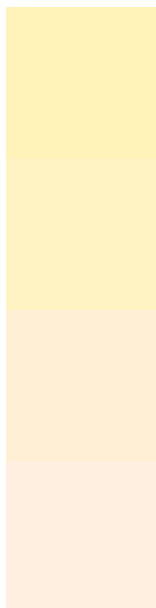
86.1101, 88.5944, 85.9607



Tritanopia

88.4675, 88.6057, 101.2468

Trichromacy



Original Color

82.1535, 88.9064, 59.2851

Protanomaly

82.8425, 88.7044, 64.3852

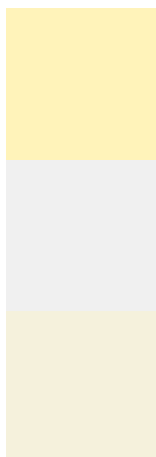
Deuteranomaly

84.4103, 88.3843, 75.5618

Tritanomaly

85.6971, 88.4292, 83.7860

Monochromacy



Original Color

82.1535, 88.9064, 59.2851

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.0298, 87.4904, 80.2740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1535, 88.9064, 59.2851 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, 243, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 186)  
}
```

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, 243, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 186) }
```

Border

The CSS property to change the border of an element to XYZ 82.1535, 88.9064, 59.2851 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, 243, 186) }
```


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

```
.border{ border-color:rgb(255, 243, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1535, 88.9064, 59.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 186) }
```

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

```
.background{ background-color: rgb(255,  
243, 186) }
```

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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