

Converting Colors

XYZ(100.6611, 99.3447,
57.0366)

Have a look what the booklet for
XYZ(100.6611, 99.3447, 57.0366)
contains.

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Color

**XYZ(82.1306, 89.8601,
56.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5B4
RGB	255, 245, 180
RGB Percent	100%, 96%, 71%
CMY	0.0000, 0.0392, 0.2941
CMYK	0.00, 0.04, 0.29, 0.00
HSL	52°, 100%, 85%
HSV	52°, 29%, 100%
XYZ	82.1306, 89.8601, 56.1960
YIQ	240.5800, 26.8250, -18.0950

Conversions

Conversions Part 2

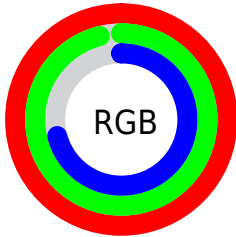
Format	Color
RYB	192, 255, 180
Decimal	16774580
CIELab	95.94, -6.25, 32.57
CIElCh	96, 33.166, 100.871
Yxy	89.8601, 0.3599, 0.3938
Android (android.graphics.Color)	4294964660 (0xFFFFF5B4)
YUV	240.5800, -29.8659, 12.6463
Hunter-Lab	94.7946, -11.2370, 31.2080

Details

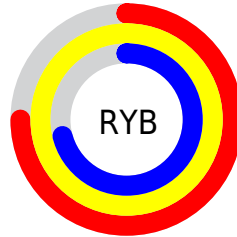
The XYZ color **82.1306, 89.8601, 56.1960** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.2855, 53.7486, 102.0684**, and the grayscale version is **83.4933, 87.8415, 95.6594**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **45.0543, 49.7978, 27.3160** is the 20% darker color. If you saturate the color by 10%, you get **78.7504, 86.8814, 43.4108**, and if you desaturate by 10%, it is **86.0121, 93.0758, 71.5081**.

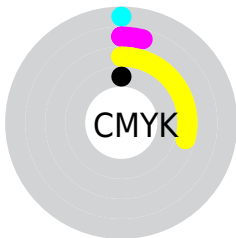
Distribution



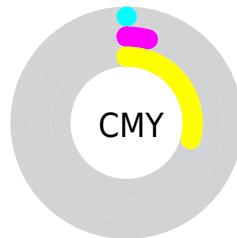
- Red (100%)
- Green (96%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1306, 89.8601, 56.1960 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 82.1306, 89.8601, 56.1960 by changing the saturation by 10% instead.


 82.1306, 89.8601,
56.1960

 82.1306, 89.8601,
56.1960


490.7123,
527.5757, 427.8388

 61.7877, 67.8646,
39.9550

 135.2920,
147.1441, 100.7797

 45.1161, 49.7876,
27.1900


168.8412,
183.2013, 129.9596

 31.7506, 35.2447,
17.4823


207.5231,
224.7146, 164.2895

 21.3257, 23.8514,
10.4133

251.7033,
272.0684, 204.1880

 13.4761, 15.2234,
5.5647

301.7469,
325.6469, 250.0737

 7.8364, 8.9763,
2.5178

358.0194,

 4.0414, 4.7258,

385.8348, 302.3650

0.8496

420.8861,
453.0162, 361.4805

■ 1.7256, 2.0873,
0.0000

■ 0.4722, 0.6575,
0.0000

■ 82.1306, 89.8601,
56.1960

■ 82.1306, 89.8601,
56.1960

■ 78.7504, 86.8814,
43.4108

■ 86.0121, 93.0758,
71.5081

■ 75.8385, 84.1169,
33.0087

■ 90.4125, 96.5263,
89.4692

■ 73.3682, 81.5589,
24.8401

95.0500, 100.0000,
108.9000

■ 71.3074, 79.1945,
18.7359

■ 69.6193, 77.0087,
14.5033

■ 68.2602, 74.9839,
11.9127

■ 67.1631, 73.0931,
10.6116

■ 67.1020, 72.9840,
10.5507

Harmonies

Analogous

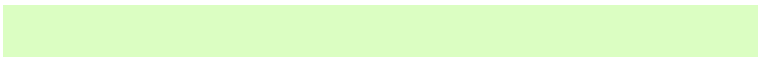
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3120, 89.8601, 57.5051



82.1306, 89.8601, 56.1960



74.3951, 89.8601, 64.4414

Triad

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



82.1306, 89.8601, 56.1960



72.7712, 89.8601, 134.6992



103.1533, 89.8601, 115.3202

Complementary

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



82.1306, 89.8601, 56.1960



55.2855, 53.7486, 102.0684

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.



97.4603, 89.8601, 141.1565



82.1306, 89.8601, 56.1960



79.7667, 89.8601, 153.6539

Square

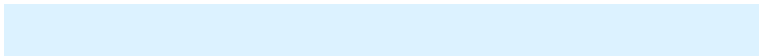
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1306, 89.8601, 56.1960



69.2542, 89.8601, 107.6668



88.7742, 89.8601, 156.2081



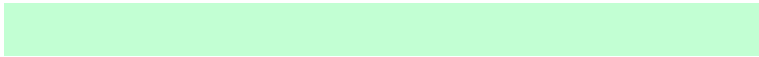
103.8997, 89.8601, 88.6345

Rectangle

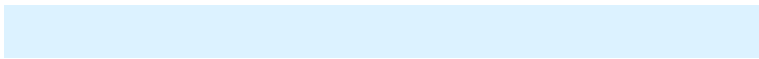
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1306, 89.8601, 56.1960



70.9297, 89.8601, 75.2853



88.7742, 89.8601, 156.2081



101.7365, 89.8601, 124.5073

Sweetspot

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



82.1328, 89.8641, 56.1979



90.6048, 96.6734, 90.2656



66.8562, 57.6212, 56.3146



19.2483, 20.5810, 18.7214



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

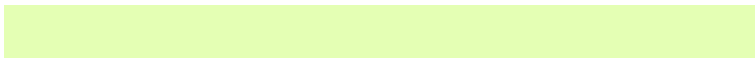
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1328, 89.8641, 56.1979



80.1828, 88.1695, 48.7486



75.8352, 91.2278, 56.7930



19.3426, 20.6534, 19.1114



35.1425, 38.2962, 5.5397



3.4765, 3.8383, 0.5576

Inverse Universe

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



55.2855, 53.7486, 102.0684



49.5729, 46.9987, 101.0666



60.2442, 53.2012, 101.7014



17.1981, 17.7678, 22.7730



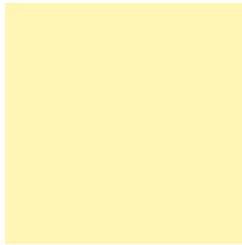
9.7896, 4.4887, 49.7850



1.0105, 0.5517, 4.8665

Previews

White Background



This preview shows how the XYZ color 82.1306, 89.8601, 56.1960 looks on a white background.

Color Contrast Check

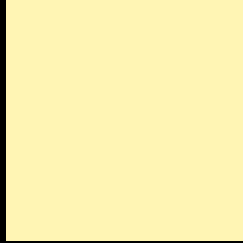
Large Text (above 18pt) WCAG AA × Fail

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 82.1306, 89.8601, 56.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

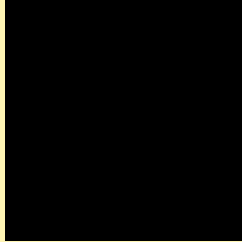
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1306, 89.8601, 56.1960

Background



This preview shows how black text looks on a background with the XYZ color 82.1306, 89.8601, 56.1960.

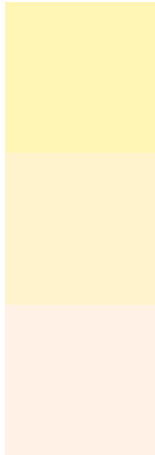


This preview shows how white text looks on a background with the XYZ color 82.1306, 89.8601,

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

82.1306, 89.8601, 56.1960

Protanopia

84.3100, 89.7690, 70.6411

Deuteranopia

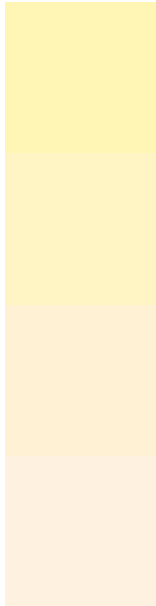
86.9782, 89.8838, 87.6280



Tritanopia

89.2054, 89.8326, 102.2603

Trichromacy



Original Color

82.1306, 89.8601, 56.1960

Protanomaly

83.5545, 89.9469, 65.1822

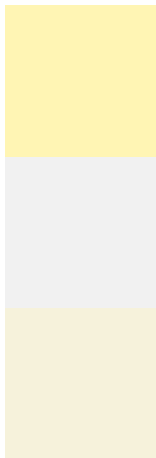
Deuteranomaly

84.8758, 89.5177, 75.0926

Tritanomaly

86.1498, 89.5524, 83.2658

Monochromacy



Original Color

82.1306, 89.8601, 56.1960

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.5443, 88.2116, 79.6938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1306, 89.8601, 56.1960 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, 245, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 180)  
}
```

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, 245, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 180) }
```

Border

The CSS property to change the border of an element to XYZ 82.1306, 89.8601, 56.1960 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, 245, 180) }
```


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

```
.border{ border-color:rgb(255, 245, 180) }
```

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

Here you see how a box with a 4 pixel rgb(255, 245, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1306, 89.8601, 56.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 180) }
```

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

```
.background{ background-color: rgb(255,  
245, 180) }
```

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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