

Converting Colors

XYZ(82.5058, 90.4489, 56.8190)

Have a look what the booklet for
XYZ(82.5058, 90.4489, 56.8190)
contains.

XYZ(82.5363, 90.5077, 56.8357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.5363, 90.5077,
56.8357)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6B5
RGB	255, 246, 181
RGB Percent	100%, 96%, 71%
CMY	0.0000, 0.0353, 0.2902
CMYK	0.00, 0.04, 0.29, 0.00
HSL	53°, 100%, 85%
HSV	53°, 29%, 100%
XYZ	82.5363, 90.5077, 56.8357
YIQ	241.2810, 26.2290, -18.3070

Conversions

Conversions Part 2

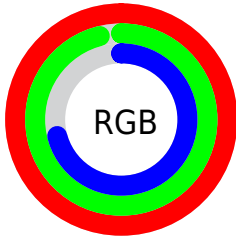
Format	Color
R_{YB}	191, 255, 181
Decimal	16774837
CIE _{Lab}	96.21, -6.63, 32.43
CIE _{LCh}	96, 33.097, 101.553
Yxy	90.5077, 0.3590, 0.3937
Android (android.graphics.Color)	4294964917 (0xFFFFF6B5)
YUV	241.2810, -29.7185, 12.0316
Hunter-Lab	95.1355, -11.6268, 31.1739

Details

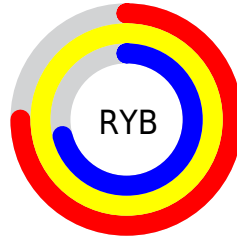
The XYZ color **82.5363, 90.5077, 56.8357** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.5192, 53.8692, 102.0794**, and the grayscale version is **84.0447, 88.4216, 96.2911**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **45.3357, 50.2557, 27.7330** is the 20% darker color. If you saturate the color by 10%, you get **79.2215, 87.6891, 43.9823**, and if you desaturate by 10%, it is **86.3501, 93.5574, 72.2202**.

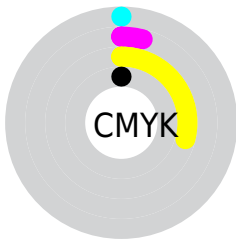
Distribution



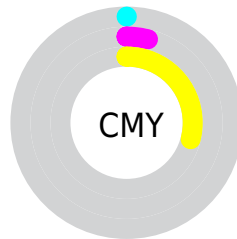
- Red (100%)
- Green (96%)
- Blue (71%)



- 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 82.5363, 90.5077, 56.8357 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 82.5363, 90.5077, 56.8357 by changing the saturation by 10% instead.


 82.5363, 90.5077,
56.8357

 82.5363, 90.5077,
56.8357

492.0472,
529.6810, 430.3099

 62.1233, 68.4018,
40.4649


 135.8577,
148.0434, 101.7234

 45.3883, 50.2247,
27.5846


169.4969,
184.2420, 131.0773

 31.9660, 35.5920,
17.7765


208.2754,
225.9070, 165.5960

 21.4909, 24.1192,
10.6219

252.5588,
273.4227, 205.6980

 13.5978, 15.4221,
5.7022

302.7123,
327.1736, 251.8018

 7.9213, 9.1162,
2.5990

359.1013,

 4.0960, 4.8170,

387.5440, 304.3260

0.8919

422.0911,
454.9183, 363.6892

■ 1.7566, 2.1403,
0.0000

■ 0.4913, 0.6871,
0.0000

■ 82.5363, 90.5077,
56.8357

■ 82.5363, 90.5077,
56.8357

■ 79.2215, 87.6891,
43.9823

■ 86.3501, 93.5574,
72.2202

■ 76.3730, 85.0789,
33.5165

■ 90.6806, 96.8359,
90.2575

■ 73.9642, 82.6695,
25.2894

95.0500, 100.0000,
108.9000

■ 71.9631, 80.4480,
19.1327

■ 70.3332, 78.3997,
14.8548

■ 69.0312, 76.5070,
12.2278

■ 67.9932, 74.7444,
10.9154

■ 67.8977, 74.5753,
10.8159

Harmonies

Analogous

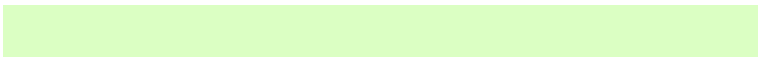
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7351, 90.5077, 57.9335



82.5363, 90.5077, 56.8357



74.8342, 90.5077, 65.3364

Triad

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



82.5363, 90.5077, 56.8357



73.4740, 90.5077, 136.0474



103.8889, 90.5077, 115.4342

Complementary

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



82.5363, 90.5077, 56.8357



55.5192, 53.8692, 102.0794

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.



98.2789, 90.5077, 141.4502



82.5363, 90.5077, 56.8357



80.5566, 90.5077, 154.7344

Square

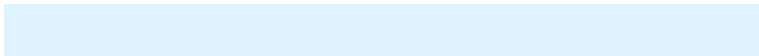
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5363, 90.5077, 56.8357



69.8563, 90.5077, 109.0276



89.6103, 90.5077, 156.8710



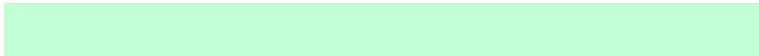
104.5135, 90.5077, 88.7614

Rectangle

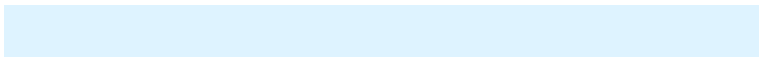
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5363, 90.5077, 56.8357



71.4124, 90.5077, 76.3645



89.6103, 90.5077, 156.8710



102.5059, 90.5077, 124.6573

Sweetspot

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



82.5384, 90.5117, 56.8376



90.6892, 96.8422, 90.2938



67.1539, 58.0645, 56.8827



19.2692, 20.6229, 18.7284



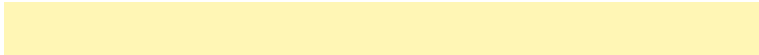
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

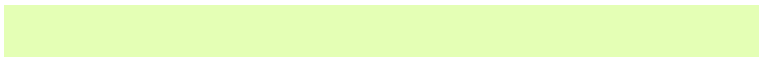
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5384, 90.5117, 56.8376



80.4966, 88.7973, 48.8532



76.0536, 91.3286, 57.3371



19.3617, 20.6916, 19.1177



35.5525, 39.1161, 5.6764



3.5124, 3.9102, 0.5696

Inverse Universe

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



55.5192, 53.8692, 102.0794



49.3663, 46.5855, 100.9978



60.6247, 53.6982, 101.7773



17.1808, 17.7333, 22.7673



9.7428, 4.3952, 49.7694



1.0024, 0.5355, 4.8638

Previews

White Background



This preview shows how the XYZ color 82.5363, 90.5077, 56.8357 looks on a white background.

Color Contrast Check

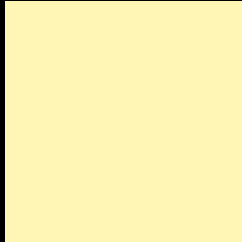
Large Text (above 18pt) WCAG AA × Fail

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 82.5363, 90.5077, 56.8357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

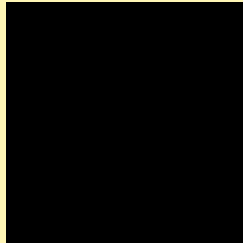
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5363, 90.5077, 56.8357

Background



This preview shows how black text looks on a background with the XYZ color 82.5363, 90.5077, 56.8357.



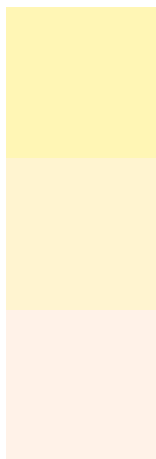
This preview shows how white text looks on a background with the XYZ color 82.5363, 90.5077,

56.8357.

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

82.5363, 90.5077, 56.8357

Protanopia

84.9758, 90.5154, 72.6670

Deuteranopia

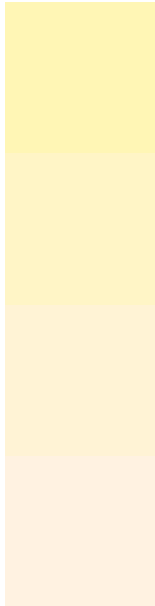
87.5576, 90.5905, 89.2149



Tritanopia

89.6554, 90.4823, 103.1820

Trichromacy



Original Color

82.5363, 90.5077, 56.8357

Protanomaly

84.0855, 90.6420, 66.4900

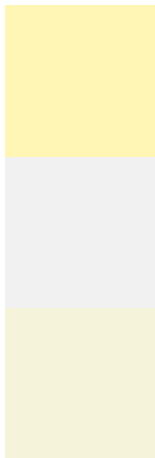
Deuteranomaly

85.3008, 90.1653, 75.8586

Tritanomaly

86.5827, 90.2005, 84.0812

Monochromacy



Original Color

82.5363, 90.5077, 56.8357

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.8428, 88.8085, 79.7933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5363, 90.5077, 56.8357 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, 246, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 181)  
}
```

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, 246, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 181) }
```

Border

The CSS property to change the border of an element to XYZ 82.5363, 90.5077, 56.8357 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, 246, 181) }
```


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

```
.border{ border-color:rgb(255, 246, 181) }
```

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

Here you see how a box with a 4 pixel rgb(255, 246, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5363, 90.5077, 56.8357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 181) }
```

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

```
.background{ background-color: rgb(255,  
246, 181) }
```

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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