

Converting Colors

XYZ(127.3548, 110.8051,
58.6138)

Have a look what the booklet for
XYZ(127.3548, 110.8051, 58.6138)
contains.

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Color

**XYZ(80.7406, 86.9164,
56.2371)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0B5
RGB	255, 240, 181
RGB Percent	100%, 94%, 71%
CMY	0.0000, 0.0588, 0.2902
CMYK	0.00, 0.06, 0.29, 0.00
HSL	48°, 100%, 85%
HSV	48°, 29%, 100%
XYZ	80.7406, 86.9164, 56.2371
YIQ	237.7590, 27.8790, -15.1690

Conversions

Conversions Part 2

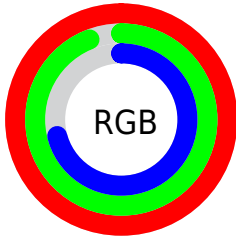
Format	Color
R_{YB}	200, 255, 181
Decimal	16773301
CIE Lab	94.70, -3.63, 30.40
CIE LCh	95, 30.616, 96.808
Yxy	86.9164, 0.3606, 0.3882
Android (android.graphics.Color)	4294963381 (0xFFFFF0B5)
YUV	237.7590, -27.9822, 15.1204
Hunter-Lab	93.2290, -8.5614, 29.4957

Details

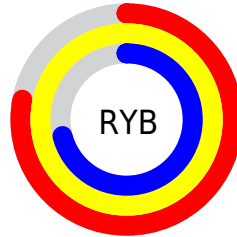
The XYZ color **80.7406, 86.9164, 56.2371** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.8455, 56.5219, 102.5215**, and the grayscale version is **81.2779, 85.5107, 93.1212**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **44.0627, 47.7098, 27.3086** is the 20% darker color. If you saturate the color by 10%, you get **76.8611, 82.9684, 43.1954**, and if you desaturate by 10%, it is **85.1466, 91.1504, 71.8190**.

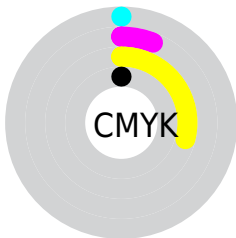
Distribution



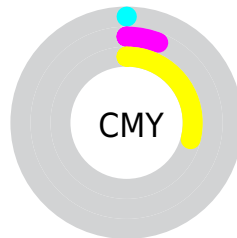
- Red (100%)
- Green (94%)
- Blue (71%)



- Red (78%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.7406, 86.9164, 56.2371 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 80.7406, 86.9164, 56.2371 by changing the saturation by 10% instead.


 80.7406, 86.9164,
56.2371

 80.7406, 86.9164,
56.2371


486.1238,
517.9481, 427.9978

 60.6385, 65.4260,
39.9878


 133.3515,
143.0476, 100.8404

 44.1850, 47.8066,
27.2153


166.5911,
178.4572, 130.0315

 31.0145, 33.6738,
17.5011


204.9406,
219.2754, 164.3736

 20.7617, 22.6431,
10.4267

248.7653,
265.8865, 204.2852

 13.0614, 14.3302,
5.5735

298.4307,
318.6749, 250.1849

 7.5482, 8.3507,
2.5230

354.3020,

 3.8566, 4.3201,

378.0251, 302.4912

0.8523

416.7446,
444.3213, 361.6226

■ 1.6213, 1.8542,
0.0000

■ 0.4062, 0.5206,
0.0000

■ 80.7406, 86.9164,
56.2371

■ 80.7406, 86.9164,
56.2371

■ 76.8611, 82.9684,
43.1954

■ 85.1466, 91.1504,
71.8190

■ 73.4753, 79.2835,
32.5505

■ 90.0972, 95.6691,
90.0629

■ 70.5561, 75.8534,
24.1533

95.0500, 100.0000,
108.9000

■ 68.0715, 72.6647,
17.8355

■ 65.9844, 69.7021,
13.4051

■ 64.2514, 66.9475,
10.6345

■ 62.8082, 64.3746,
9.1870

■ 62.6744, 64.1287,
9.0748

Harmonies

Analogous

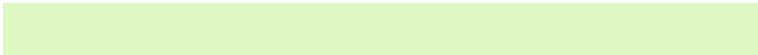
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0332, 86.9164, 58.6448



80.7406, 86.9164, 56.2371



73.4456, 86.9164, 62.6572

Triad

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



80.7406, 86.9164, 56.2371



70.5227, 86.9164, 124.6292



98.1072, 86.9164, 113.7285

Complementary

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



80.7406, 86.9164, 56.2371



56.8455, 56.5219, 102.5215

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.



92.5097, 86.9164, 135.9828



80.7406, 86.9164, 56.2371



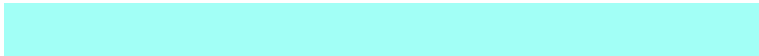
76.5061, 86.9164, 142.9740

Square

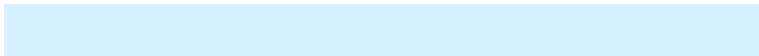
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7406, 86.9164, 56.2371



67.8065, 86.9164, 100.1394



84.5109, 86.9164, 147.4422



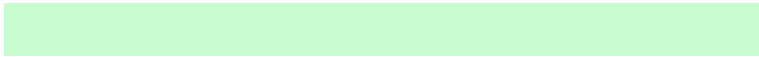
99.4283, 86.9164, 89.3403

Rectangle

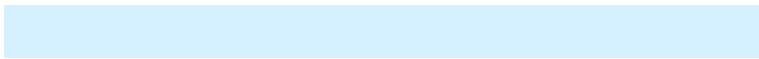
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.7406, 86.9164, 56.2371



70.0059, 86.9164, 71.8312



84.5109, 86.9164, 147.4422



96.6460, 86.9164, 121.8217

Sweetspot

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



80.7427, 86.9203, 56.2389



90.1070, 95.6779, 90.0997



67.8464, 58.3414, 60.5295



19.1249, 20.3343, 18.6803



0.0000, 0.0000, 0.0000



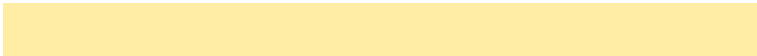
20.3446, 21.4041, 23.3091

Same Dimension

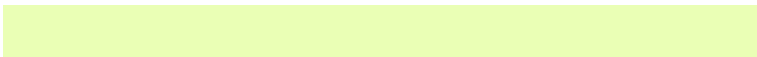
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7427, 86.9203, 56.2389



78.3599, 84.5238, 48.1410



78.0435, 92.3545, 57.4301



19.2303, 20.4287, 19.0739



32.8581, 33.7275, 4.7783



3.2747, 3.4347, 0.4904

Inverse Universe

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



56.8455, 56.5219, 102.5215



50.8295, 49.5120, 101.4855



58.9228, 52.8207, 101.6976



17.3010, 17.9737, 22.8074



10.1489, 5.2074, 49.9048



1.0612, 0.6531, 4.8834

Previews

White Background



This preview shows how the XYZ color 80.7406, 86.9164, 56.2371 looks on a white background.

Color Contrast Check

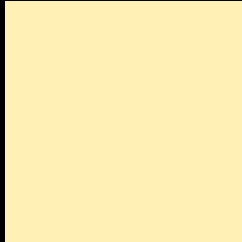
Large Text (above 18pt) WCAG AA × Fail

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 80.7406, 86.9164, 56.2371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

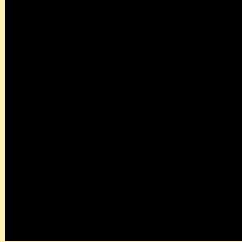
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7406, 86.9164, 56.2371

Background



This preview shows how black text looks on a background with the XYZ color 80.7406, 86.9164, 56.2371.

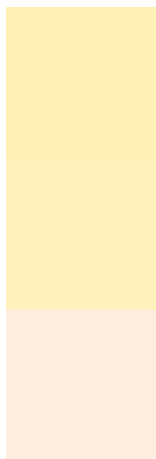


This preview shows how white text looks on a background with the XYZ color 80.7406, 86.9164,

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

80.7406, 86.9164, 56.2371

Protanopia

81.4772, 87.2110, 60.1161

Deuteranopia

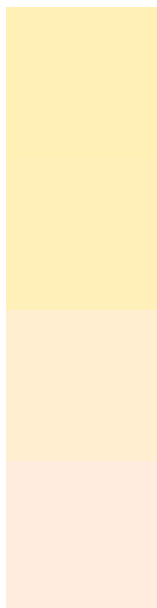
84.8435, 87.1561, 82.1631



Tritanopia

87.2974, 86.7595, 99.3340

Trichromacy



Original Color

80.7406, 86.9164, 56.2371

Protanomaly

81.1570, 87.0830, 58.4302

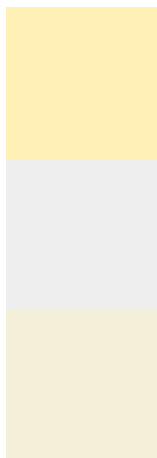
Deuteranomaly

83.1997, 86.9631, 72.0750

Tritanomaly

84.4203, 86.5248, 81.3588

Monochromacy



Original Color

80.7406, 86.9164, 56.2371

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.6991, 85.9759, 77.9873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7406, 86.9164, 56.2371 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, 240, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 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, 240, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 181) }
```

Border

The CSS property to change the border of an element to XYZ 80.7406, 86.9164, 56.2371 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, 240, 181) }
```


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

```
.border{ border-color:rgb(255, 240, 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, 240, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7406, 86.9164, 56.2371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 181) }
```

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

```
.background{ background-color: rgb(255,  
240, 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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