

Converting Colors

XYZ(107.5168, 100.0000,
61.6598)

Have a look what the booklet for
XYZ(107.5168, 100.0000, 61.6598)
contains.

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Color

**XYZ(81.2918, 86.6671,
60.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFBD
RGB	255, 239, 189
RGB Percent	100%, 94%, 74%
CMY	0.0000, 0.0627, 0.2588
CMYK	0.00, 0.06, 0.26, 0.00
HSL	45°, 100%, 87%
HSV	45°, 26%, 100%
XYZ	81.2918, 86.6671, 60.5880
YIQ	238.0840, 25.5860, -12.1580

Conversions

Conversions Part 2

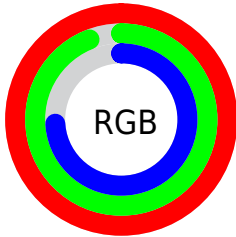
Format	Color
R _Y B	210, 255, 189
Decimal	16773053
CIE Lab	94.60, -2.10, 26.18
CIE LCh	95, 26.266, 94.581
Yxy	86.6671, 0.3557, 0.3792
Android (android.graphics.Color)	4294963133 (0xFFFFEFBD)
YUV	238.0840, -24.1984, 14.8353
Hunter-Lab	93.0952, -7.0482, 26.5796

Details

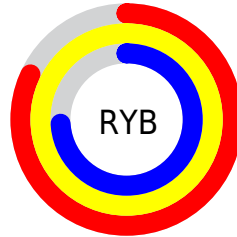
The XYZ color **81.2918, 86.6671, 60.5880** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.8671, 61.6997, 103.3089**, and the grayscale version is **81.5025, 85.7470, 93.3784**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **44.5954, 47.6220, 29.7632** is the 20% darker color. If you saturate the color by 10%, you get **76.9859, 82.1022, 46.6764**, and if you desaturate by 10%, it is **86.1505, 91.5581, 77.0869**.

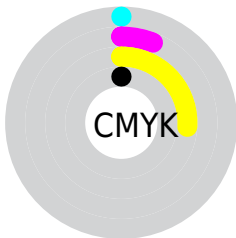
Distribution



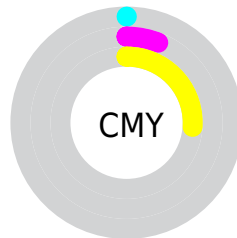
- Red (100%)
- Green (94%)
- Blue (74%)



- Red (82%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2918, 86.6671, 60.5880 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 81.2918, 86.6671, 60.5880 by changing the saturation by 10% instead.


 81.2918, 86.6671,
60.5880

 81.2918, 86.6671,
60.5880


487.9462,
517.1283, 444.6264

 61.0941, 65.2198,
43.4644


 134.1214,
142.7000, 107.2339

 44.5539, 47.6393,
29.9155


167.4840,
178.0544, 137.5932

 31.3060, 33.5413,
19.5230


205.9656,
218.8133, 173.2015

 20.9849, 22.5415,
11.8681

249.9316,
265.3610, 214.4773

 13.2254, 14.2553,
6.5325

299.7473,
318.0820, 261.8391

 7.6620, 8.2984,
3.0975

355.7781,

 3.9294, 4.2865,

377.3606, 315.7056

1.1446

418.3892,
443.5812, 376.4952

■ 1.6623, 1.8351,
0.0000

■ 0.4325, 0.5089,
0.0000

■ 81.2918, 86.6671,
60.5880

■ 81.2918, 86.6671,
60.5880

■ 76.9859, 82.1022,
46.6764

■ 86.1505, 91.5581,
77.0869

■ 73.2003, 77.8404,
35.2122

■ 91.5799, 96.7743,
96.2922

■ 69.9088, 73.8733,
26.0506

95.0500, 100.0000,
108.9000

■ 67.0799, 70.1873,
19.0293

■ 64.6783, 66.7671,
13.9645

■ 62.6623, 63.5951,
10.6417

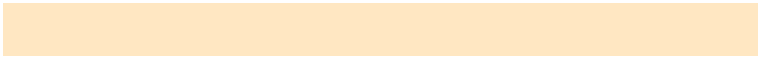
■ 60.9810, 60.6499,
8.7943

■ 60.3552, 59.4904,
8.3017

Harmonies

Analogous

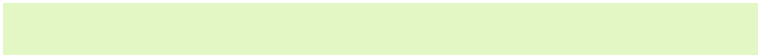
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3583, 86.6671, 63.3457



81.2918, 86.6671, 60.5880



74.8856, 86.6671, 65.7635

Triad

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



81.2918, 86.6671, 60.5880



71.6649, 86.6671, 118.2736



95.2945, 86.6671, 112.1130

Complementary

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



81.2918, 86.6671, 60.5880



60.8671, 61.6997, 103.3089

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.



90.3467, 86.6671, 130.2502



81.2918, 86.6671, 60.5880



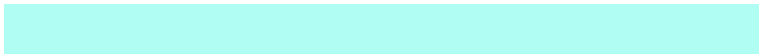
76.6671, 86.6671, 134.1493

Square

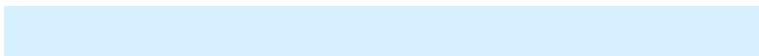
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2918, 86.6671, 60.5880



69.5338, 86.6671, 97.5145



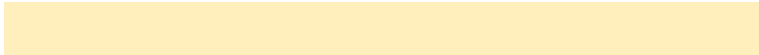
83.4667, 86.6671, 138.8177



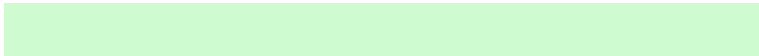
96.7060, 86.6671, 91.2855

Rectangle

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



81.2918, 86.6671, 60.5880



71.7691, 86.6671, 73.5221



83.4667, 86.6671, 138.8177



93.9763, 86.6671, 118.8177

Sweetspot

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



81.2939, 86.6709, 60.5898



90.3808, 95.6413, 91.9916



70.5181, 62.0881, 66.3430



19.1664, 20.3009, 19.0526



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

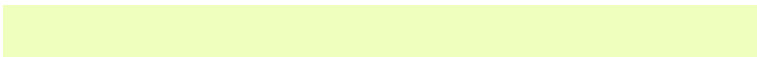
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2939, 86.6709, 60.5898



79.0219, 84.2934, 53.1537



80.3737, 93.4581, 61.9484



19.1664, 20.3009, 19.0526



31.6594, 31.3301, 4.3787



3.1674, 3.2202, 0.4546

Inverse Universe

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



60.8671, 61.6997, 103.3089



55.4822, 55.5223, 102.4004



61.5635, 56.6667, 102.3008



17.3604, 18.0924, 22.8271



10.4221, 5.7538, 49.9959



1.0955, 0.7218, 4.8948

Previews

White Background



This preview shows how the XYZ color 81.2918, 86.6671, 60.5880 looks on a white background.

Color Contrast Check

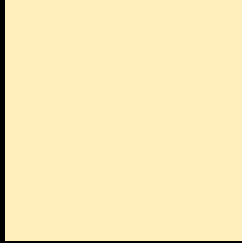
Large Text (above 18pt) WCAG AA × Fail

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 81.2918, 86.6671, 60.5880 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 81.2918, 86.6671, 60.5880

Background



This preview shows how black text looks on a background with the XYZ color 81.2918, 86.6671, 60.5880.



This preview shows how white text looks on a background with the XYZ color 81.2918, 86.6671,

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

81.2918, 86.6671, 60.5880

Protanopia

81.2918, 86.6671, 60.5880

Deuteranopia

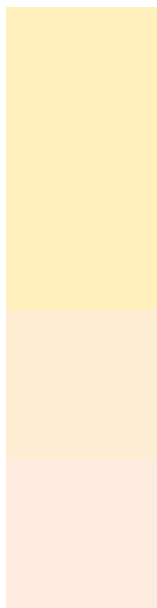
84.5547, 86.5786, 82.0669



Tritanopia

87.2974, 86.7595, 99.3340

Trichromacy



Original Color

81.2918, 86.6671, 60.5880

Protanomaly

81.2918, 86.6671, 60.5880

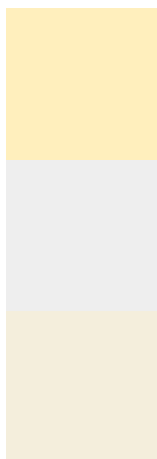
Deuteranomaly

83.2821, 86.5315, 73.9408

Tritanomaly

84.8261, 86.6871, 83.4956

Monochromacy



Original Color

81.2918, 86.6671, 60.5880

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.8010, 85.5495, 79.9642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2918, 86.6671, 60.5880 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, 239, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 189)  
}
```

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, 239, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 189) }
```

Border

The CSS property to change the border of an element to XYZ 81.2918, 86.6671, 60.5880 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, 239, 189) }
```


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

```
.border{ border-color:rgb(255, 239, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2918, 86.6671, 60.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 189) }
```

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

```
.background{ background-color: rgb(255,  
239, 189) }
```

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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