

Converting Colors

XYZ(70.9880, 60.2982, 51.1626)

Have a look what the booklet for
XYZ(70.9880, 60.2982, 51.1626)
contains.

XYZ(66.0021, 57.6030, 50.8198)	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(66.0021, 57.6030,
50.8198)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5B4
RGB	255, 181, 180
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2902, 0.2941
CMYK	0.00, 0.29, 0.29, 0.00
HSL	1°, 100%, 85%
HSV	1°, 29%, 100%
XYZ	66.0021, 57.6030, 50.8198
YIQ	203.0120, 44.4250, 15.3770

Conversions

Conversions Part 2

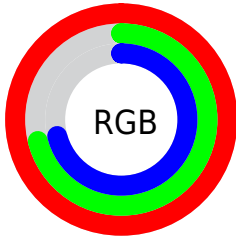
Format	Color
R _Y B	255, 181, 180
Decimal	16758196
CIE Lab	80.52, 26.74, 11.27
CIE LCh	81, 29.022, 22.852
Yxy	57.6030, 0.3784, 0.3302
Android (android.graphics.Color)	4294948276 (0xFFFFB5B4)
YUV	203.0120, -11.3449, 45.5935
Hunter-Lab	75.8966, 22.4101, 13.4275

Details

The XYZ color **66.0021, 57.6030, 50.8198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3129, 87.8039, 107.7443**, and the grayscale version is **56.8230, 59.7822, 65.1028**.

A 20% lighter version of the original color is **86.6645, 87.8845, 91.7526**, and **34.5759, 28.8410, 23.8232** is the 20% darker color. If you saturate the color by 10%, you get **58.9776, 47.3358, 36.8195**, and if you desaturate by 10%, it is **74.4310, 69.9139, 67.6472**.

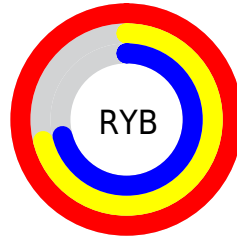
Distribution



Red (100%)

Green (71%)

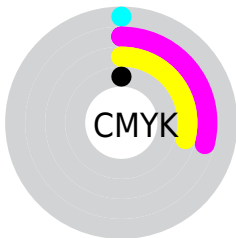
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

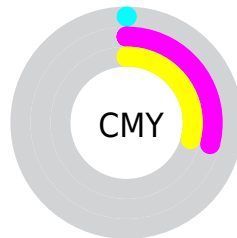


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0021, 57.6030, 50.8198 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 66.0021, 57.6030, 50.8198 by changing the saturation by 10% instead.

66.0021, 57.6030,
50.8198

66.0021, 57.6030,
50.8198

435.8729,
415.7050, 406.6898

48.5418, 41.4896,
35.6895

112.5471,
101.3445, 92.7971

34.4692, 28.7018,
23.9067

142.3624,
129.7414, 120.4812

23.4189, 18.8554,
15.0529

177.0269,
163.0015, 153.1870

15.0255, 11.5658,
8.7095

216.9058,
201.5093, 191.3330

8.9237, 6.4488,
4.4579

262.3645,
245.6492, 235.3377

4.7482, 3.1198,
1.8798

313.7684,

2.1335, 1.1946,

295.8055, 285.6197

0.4798

371.4827,
352.3626, 342.5976

■ 0.7073, 0.0573,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.0021, 57.6030,
50.8198

■ 66.0021, 57.6030,
50.8198

■ 58.9776, 47.3358,
36.8195

■ 74.4310, 69.9139,
67.6472

■ 53.2772, 38.9944,
25.4880

■ 84.3304, 84.3623,
87.4411

■ 48.8193, 32.4611,
16.6568

95.0500, 100.0000,
108.9000

■ 45.5113, 27.6022,
10.1370

■ 43.2476, 24.2653,
5.7126

■ 41.9036, 22.2706,
3.1271

■ 41.3014, 21.3696,
1.9910

■ 41.2771, 21.3342,
1.9424

Harmonies

Analogous

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



66.9241, 57.6030, 66.8927



66.0021, 57.6030, 50.8198



61.9649, 57.6030, 40.0312

Triad

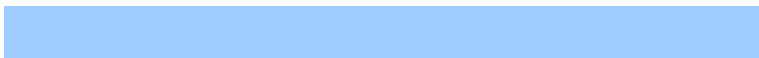
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.0021, 57.6030, 50.8198



46.1153, 57.6030, 44.9171



53.3364, 57.6030, 101.2395

Complementary

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



66.0021, 57.6030, 50.8198



72.3129, 87.8039, 107.7443

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.



48.1180, 57.6030, 92.6806



66.0021, 57.6030, 50.8198



44.1496, 57.6030, 58.7243

Square

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



66.0021, 57.6030, 50.8198



50.4197, 57.6030, 37.0797



44.8553, 57.6030, 76.3462



59.3213, 57.6030, 98.0799

Rectangle

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



66.0021, 57.6030, 50.8198



58.1983, 57.6030, 36.2986



44.8553, 57.6030, 76.3462



51.4405, 57.6030, 99.5921

Sweetspot

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



66.0035, 57.6057, 50.8209



84.7700, 85.0038, 88.3207



75.6115, 61.1230, 102.4205



17.8139, 17.7122, 18.2433



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.



66.0035, 57.6057, 50.8209



61.9088, 51.6217, 42.6573



74.4205, 74.4395, 53.6266



18.0289, 18.0260, 18.6735



21.5766, 11.1644, 1.0177



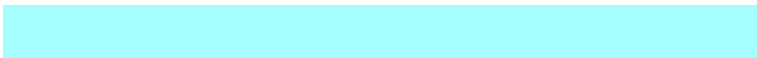
2.1074, 1.1002, 0.1013

Inverse Universe

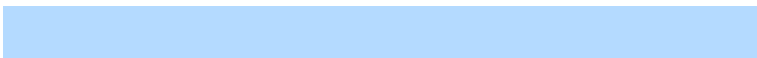
The Inverse Universe completely reimagines the original color for something new.



72.3129, 87.8039, 107.7443



69.1032, 86.0593, 107.5767



61.8148, 66.8077, 104.2449



18.5328, 20.4372, 23.2179



27.5619, 40.0333, 55.7091



2.6900, 3.9108, 5.4264

Previews

White Background



This preview shows how the XYZ color 66.0021, 57.6030, 50.8198 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 66.0021, 57.6030, 50.8198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

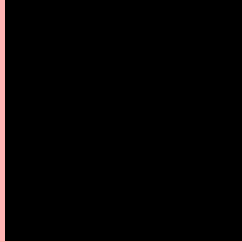
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0021, 57.6030, 50.8198

Background



This preview shows how black text looks on a background with the XYZ color 66.0021, 57.6030, 50.8198.



This preview shows how white text looks on a background with the XYZ color 66.0021, 57.6030,

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

66.0021, 57.6030, 50.8198

Protanopia

55.1713, 57.6864, 56.9419

Deuteranopia

59.1008, 57.8483, 50.1704



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

66.0021, 57.6030, 50.8198

Protanomaly

58.4530, 57.0917, 54.3934

Deuteranomaly

61.5942, 57.8270, 50.5632

Tritanomaly

66.6384, 57.5334, 55.1698

Monochromacy



Original Color

66.0021, 57.6030, 50.8198

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.4896, 58.4999, 59.7859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0021, 57.6030, 50.8198 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, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 180) }
```

Border

The CSS property to change the border of an element to XYZ 66.0021, 57.6030, 50.8198 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, 181, 180) }
```


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

```
.border{ border-color:rgb(255, 181, 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, 181, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0021, 57.6030, 50.8198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 180) }
```

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

```
.background{ background-color: rgb(255,  
181, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor