

Converting Colors

XYZ(70.1282, 59.4592, 49.0499)

Have a look what the booklet for
XYZ(70.1282, 59.4592, 49.0499)
contains.

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Color

**XYZ(65.3977, 57.0371,
48.6367)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4B0
RGB	255, 180, 176
RGB Percent	100%, 71%, 69%
CMY	0.0000, 0.2941, 0.3098
CMYK	0.00, 0.29, 0.31, 0.00
HSL	3°, 100%, 85%
HSV	3°, 31%, 100%
XYZ	65.3977, 57.0371, 48.6367
YIQ	201.9690, 45.9840, 14.6560

Conversions

Conversions Part 2

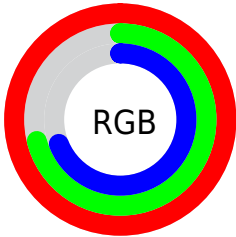
Format	Color
R _Y B	255, 180, 176
Decimal	16757936
CIE Lab	80.20, 26.76, 12.98
CIE LCh	80, 29.737, 25.876
Yxy	57.0371, 0.3823, 0.3334
Android (android.graphics.Color)	4294948016 (0xFFFFB4B0)
YUV	201.9690, -12.8027, 46.5082
Hunter-Lab	75.5229, 22.4038, 14.6833

Details

The XYZ color **65.3977, 57.0371, 48.6367** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4503, 85.4414, 107.3864**, and the grayscale version is **56.1782, 59.1039, 64.3641**.

A 20% lighter version of the original color is **85.8009, 87.0771, 88.6293**, and **34.2534, 28.5043, 22.7653** is the 20% darker color. If you saturate the color by 10%, you get **58.6403, 47.1878, 35.0837**, and if you desaturate by 10%, it is **73.4854, 68.7881, 64.9724**.

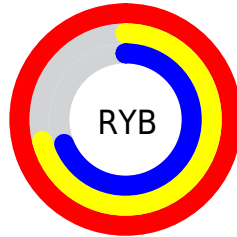
Distribution



Red (100%)

Green (71%)

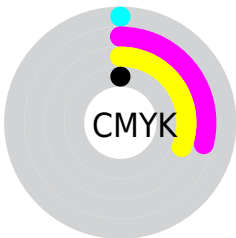
Blue (69%)



Red (100%)

Yellow (71%)

Blue (69%)

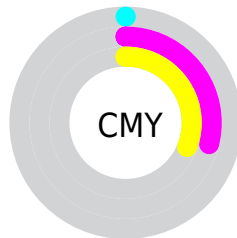


Cyan (0%)

Magenta (29%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3977, 57.0371, 48.6367 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 65.3977, 57.0371, 48.6367 by changing the saturation by 10% instead.


 65.3977, 57.0371,
48.6367

 65.3977, 57.0371,
48.6367


433.7424,
413.5883, 397.8916

 48.0495, 41.0350,
33.9678


 111.6840,
100.5193, 89.5270

 34.0775, 28.3465,
22.5917


141.3528,
128.7683, 116.5855

 23.1163, 18.5870,
14.0899


175.8592,
161.8683, 148.6110

 14.8006, 11.3722,
8.0437

215.5685,
200.2038, 186.0220

 8.7650, 6.3178,
4.0348

260.8461,
244.1591, 229.2370

 4.6441, 3.0393,
1.6444

312.0574,

 2.0726, 1.1523,

294.1187, 278.6746

0.3222

369.5677,
350.4670, 334.7533

0.6742, 0.0222,
0.0000

0.0000, 0.0000,
0.0000

65.3977, 57.0371,
48.6367

65.3977, 57.0371,
48.6367

58.6403, 47.1878,
35.0837

73.4854, 68.7881,
64.9724

53.1378, 39.1328,
24.1552

82.9646, 82.5248,
84.2301

48.8141, 32.7663,
15.6822

93.8982, 98.3360,
106.5443

45.5830, 27.9682,
9.4747

95.0500, 100.0000,
108.9000

■ 43.3464, 24.6025,
5.3150

■ 41.9888, 22.5101,
2.9425

■ 41.3830, 21.5460,
1.9777

Harmonies

Analogous

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



66.6971, 57.0371, 64.5369



65.3977, 57.0371, 48.6367



61.0218, 57.0371, 38.3529

Triad

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



65.3977, 57.0371, 48.6367



45.1187, 57.0371, 45.1867



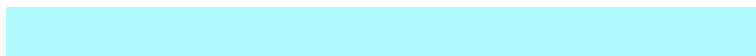
53.3776, 57.0371, 101.7329

Complementary

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



65.3977, 57.0371, 48.6367



70.4503, 85.4414, 107.3864

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.



47.9288, 57.0371, 94.0626



65.3977, 57.0371, 48.6367



43.3912, 57.0371, 59.7324

Square

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



65.3977, 57.0371, 48.6367



49.2795, 57.0371, 36.6371



44.3806, 57.0371, 77.8520



59.4632, 57.0371, 97.2663

Rectangle

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



65.3977, 57.0371, 48.6367



57.1082, 57.0371, 35.0162



44.3806, 57.0371, 77.8520



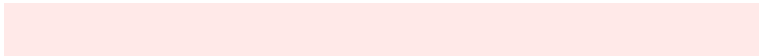
51.4155, 57.0371, 100.4553

Sweetspot

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



65.3992, 57.0398, 48.6378



85.0120, 85.4879, 88.4014



74.1861, 59.2794, 98.8402



17.8728, 17.8301, 18.2629



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.



65.3992, 57.0398, 48.6378



61.1757, 50.8878, 40.1546



74.5258, 75.2931, 51.6801



18.0832, 18.1346, 18.6916



21.6540, 11.3193, 1.0435



2.1332, 1.1518, 0.1099

Inverse Universe

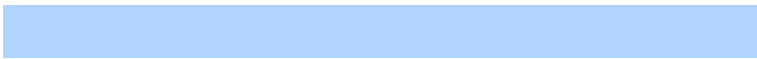
The Inverse Universe completely reimagines the original color for something new.



70.4503, 85.4414, 107.3864



66.9304, 83.2666, 107.1522



59.3861, 63.3129, 103.6984



18.4713, 20.3142, 23.1974



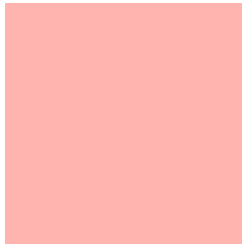
26.0682, 37.0460, 55.2112



2.5614, 3.6536, 5.3835

Previews

White Background



This preview shows how the XYZ color 65.3977, 57.0371, 48.6367 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 65.3977, 57.0371, 48.6367 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 65.3977, 57.0371, 48.6367

Background



This preview shows how black text looks on a background with the XYZ color 65.3977, 57.0371, 48.6367.



This preview shows how white text looks on a background with the XYZ color 65.3977, 57.0371,

48.6367.

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

65.3977, 57.0371, 48.6367

Protanopia

54.7399, 57.5138, 54.6705

Deuteranopia

58.4845, 57.2492, 48.0121



Tritanopia

66.5644, 56.8624, 56.7574

Trichromacy



Original Color

65.3977, 57.0371, 48.6367

Protanomaly

58.0336, 56.9240, 52.1847

Deuteranomaly

60.9810, 57.2387, 48.3916

Tritanomaly

66.2230, 57.0454, 53.9749

Monochromacy



Original Color

65.3977, 57.0371, 48.6367

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.7362, 57.8060, 58.5140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3977, 57.0371, 48.6367 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, 180, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 176)  
}
```

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, 180, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 176) }
```

Border

The CSS property to change the border of an element to XYZ 65.3977, 57.0371, 48.6367 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, 180, 176) }
```


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

```
.border{ border-color:rgb(255, 180, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3977, 57.0371, 48.6367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 176) }
```

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

```
.background{ background-color: rgb(255,  
180, 176) }
```

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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