

Converting Colors

XYZ(65.6079, 57.7719, 47.7376)

Have a look what the booklet for
XYZ(65.6079, 57.7719, 47.7376)
contains.

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Color

**XYZ(65.6079, 57.7719,
47.7376)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6AE
RGB	255, 182, 174
RGB Percent	100%, 71%, 68%
CMY	0.0000, 0.2862, 0.3176
CMYK	0.00, 0.29, 0.32, 0.00
HSL	6°, 100%, 84%
HSV	6°, 32%, 100%
XYZ	65.6079, 57.7719, 47.7376
YIQ	202.9150, 46.0760, 12.9880

Conversions

Conversions Part 2

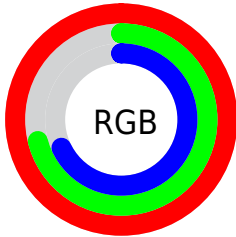
Format	Color
R _Y B	255, 183, 174
Decimal	16758446
CIE Lab	80.61, 25.45, 14.64
CIE LCh	81, 29.362, 29.897
Yxy	57.7719, 0.3834, 0.3376
Android (android.graphics.Color)	4294948526 (0xFFFFB6AE)
YUV	202.9150, -14.2551, 45.6785
Hunter-Lab	76.0078, 21.0627, 15.9677

Details

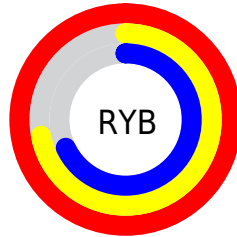
The XYZ color **65.6079, 57.7719, 47.7376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7651, 82.7372, 106.9533**, and the grayscale version is **56.7791, 59.7361, 65.0526**.

A 20% lighter version of the original color is **85.9574, 88.0662, 86.5968**, and **34.3891, 28.9760, 22.1928** is the 20% darker color. If you saturate the color by 10%, you get **59.0278, 48.2195, 34.4217**, and if you desaturate by 10%, it is **73.4352, 69.0630, 63.7986**.

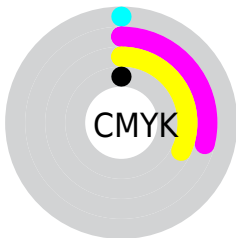
Distribution



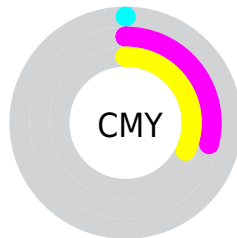
- Red (100%)
- Green (71%)
- Blue (68%)



- Red (100%)
- Yellow (72%)
- Blue (68%)



- Cyan (0%)
- Magenta (29%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6079, 57.7719, 47.7376 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 65.6079, 57.7719, 47.7376 by changing the saturation by 10% instead.


 65.6079, 57.7719,
47.7376

 65.6079, 57.7719,
47.7376


434.4841,
416.3354, 394.2298

 48.2207, 41.6253,
33.2606


 111.9842,
101.5906, 88.1751

 34.2137, 28.8080,
22.0534


141.7041,
130.0315, 114.9726

 23.2215, 18.9356,
13.6975


176.2655,
163.3393, 146.7141

 14.8787, 11.6238,
7.7742

216.0339,
201.8984, 183.8181

 8.8201, 6.4880,
3.8651

261.3746,
246.0932, 226.7032

 4.6802, 3.1441,
1.5516

312.6529,

 2.0937, 1.2074,

296.3080, 275.7877

0.2560

370.2343,
352.9273, 331.4904

■ 0.6858, 0.0677,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6079, 57.7719,
47.7376

■ 65.6079, 57.7719,
47.7376

■ 59.0278, 48.2195,
34.4217

■ 73.4352, 69.0630,
63.7986

■ 53.6260, 40.3116,
23.6939

■ 82.5649, 82.1645,
82.7429

■ 49.3337, 33.9577,
15.3865

■ 93.0544, 97.1543,
104.7034

■ 46.0733, 29.0550,
9.3110

95.0500, 100.0000,
108.9000

■ 43.7566, 25.4883,
5.2504

■ 42.2808, 23.1250,
2.9447

■ 41.5920, 21.9639,
2.0473

Harmonies

Analogous

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



67.3637, 57.7719, 62.9639



65.6079, 57.7719, 47.7376



60.9446, 57.7719, 38.2913

Triad

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



65.6079, 57.7719, 47.7376



45.4625, 57.7719, 47.6511



54.8895, 57.7719, 102.3765

Complementary

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



65.6079, 57.7719, 47.7376



68.7651, 82.7372, 106.9533

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.



49.2884, 57.7719, 96.2933



65.6079, 57.7719, 47.7376



44.0951, 57.7719, 62.8437

Square

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



65.6079, 57.7719, 47.7376



49.3222, 57.7719, 38.2482



45.4440, 57.7719, 80.9835



60.9057, 57.7719, 96.3732

Rectangle

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



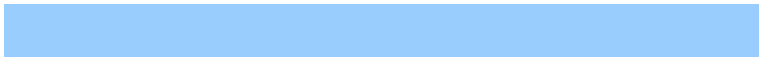
65.6079, 57.7719, 47.7376



56.9733, 57.7719, 35.5094



45.4440, 57.7719, 80.9835



52.8980, 57.7719, 101.6645

Sweetspot

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



65.6094, 57.7746, 47.7388



84.3151, 84.6697, 86.3943



73.3584, 58.3255, 96.4021



17.7477, 17.6946, 17.8677



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.



65.6094, 57.7746, 47.7388



61.3632, 51.6181, 39.1220



74.8028, 76.1614, 50.8032



18.1538, 18.2757, 18.7151



21.7800, 11.5712, 1.0855



2.1665, 1.2184, 0.1210

Inverse Universe

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



68.7651, 82.7372, 106.9533



64.9509, 80.0605, 106.6377



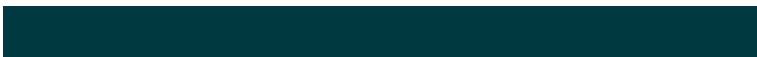
58.0010, 61.2092, 103.3653



18.3924, 20.1564, 23.1711



24.2505, 33.4105, 54.6053



2.4038, 3.3382, 5.3309

Previews

White Background



This preview shows how the XYZ color 65.6079, 57.7719, 47.7376 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 65.6079, 57.7719, 47.7376 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 65.6079, 57.7719, 47.7376

Background



This preview shows how black text looks on a background with the XYZ color 65.6079, 57.7719, 47.7376.



This preview shows how white text looks on a background with the XYZ color 65.6079, 57.7719,

47.7376.

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

65.6079, 57.7719, 47.7376

Protanopia

55.2139, 58.1373, 53.1113

Deuteranopia

59.1495, 57.9415, 47.0960



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

65.6079, 57.7719, 47.7376

Protanomaly

58.3595, 57.4428, 51.1917

Deuteranomaly

61.3370, 57.7630, 47.4517

Tritanomaly

66.6268, 57.8529, 54.1095

Monochromacy



Original Color

65.6079, 57.7719, 47.7376

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.1537, 58.3656, 58.0171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6079, 57.7719, 47.7376 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, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 174)  
}
```

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, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 174) }
```

Border

The CSS property to change the border of an element to XYZ 65.6079, 57.7719, 47.7376 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, 182, 174) }
```


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

```
.border{ border-color:rgb(255, 182, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6079, 57.7719, 47.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 174) }
```

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

```
.background{ background-color: rgb(255,  
182, 174) }
```

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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