

Converting Colors

XYZ(64.8443, 56.3377, 47.1962)

Have a look what the booklet for
XYZ(64.8443, 56.3377, 47.1962)
contains.

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Color

**XYZ(64.9029, 56.5173,
47.0233)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3AD
RGB	255, 179, 173
RGB Percent	100%, 70%, 68%
CMY	0.0000, 0.2980, 0.3216
CMYK	0.00, 0.30, 0.32, 0.00
HSL	4°, 100%, 84%
HSV	4°, 32%, 100%
XYZ	64.9029, 56.5173, 47.0233
YIQ	201.0400, 47.2220, 14.2460

Conversions

Conversions Part 2

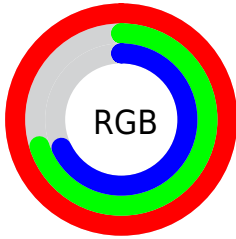
Format	Color
R _Y B	255, 179, 173
Decimal	16757677
CIE Lab	79.91, 26.90, 14.18
CIE LCh	80, 30.412, 27.796
Yxy	56.5173, 0.3853, 0.3355
Android (android.graphics.Color)	4294947757 (0xFFFFB3AD)
YUV	201.0400, -13.8237, 47.3229
Hunter-Lab	75.1780, 22.5417, 15.5391

Details

The XYZ color **64.9029, 56.5173, 47.0233** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1579, 83.8525, 107.1479**, and the grayscale version is **55.6059, 58.5017, 63.7084**.

A 20% lighter version of the original color is **84.9519, 86.2781, 85.5747**, and **33.9380, 28.1725, 21.7383** is the 20% darker color. If you saturate the color by 10%, you get **58.3296, 46.9497, 33.7983**, and if you desaturate by 10%, it is **72.7617, 67.9019, 63.0012**.

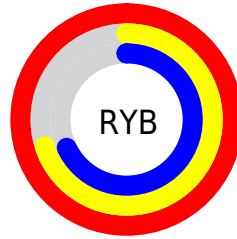
Distribution



Red (100%)

Green (70%)

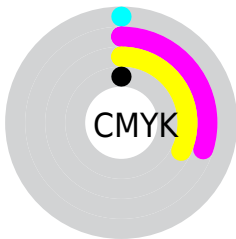
Blue (68%)



Red (100%)

Yellow (70%)

Blue (68%)

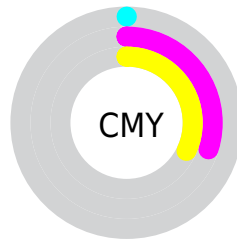


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9029, 56.5173, 47.0233 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 64.9029, 56.5173, 47.0233 by changing the saturation by 10% instead.

64.9029, 56.5173,
47.0233

64.9029, 56.5173,
47.0233

431.9937,
411.6381, 391.3040

47.6468, 40.6178,
32.6996

110.9767, 99.7605,
87.0987

33.7573, 28.0206,
21.6272

140.5251,
127.8731, 113.6876

22.8692, 18.3412,
13.3875

174.9017,
160.8254, 145.2019

14.6171, 11.1952,
7.5621

214.4717,
199.0020, 182.0601

8.6357, 6.1983,
3.7323

259.6005,
242.7871, 224.6809

4.5595, 2.9660,
1.4797

310.6536,

2.0233, 1.1140,

292.5652, 273.4828

0.2027

367.9962,
348.7208, 328.8843

■ 0.6470, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9029, 56.5173,
47.0233

■ 64.9029, 56.5173,
47.0233

■ 58.3296, 46.9497,
33.7983

■ 72.7617, 67.9019,
63.0012

■ 52.9692, 39.0977,
23.1676

■ 81.9650, 81.1824,
81.8717

■ 48.7485, 32.8619,
14.9614

■ 92.5730, 96.4424,
103.7691

■ 45.5848, 28.1298,
8.9885

95.0500, 100.0000,
108.9000

■ 43.3838, 24.7742,
5.0288

■ 42.0344, 22.6468,
2.8177

■ 41.4674, 21.7148,
2.0058

Harmonies

Analogous

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



66.4571, 56.5173, 62.8525



64.9029, 56.5173, 47.0233



60.2871, 56.5173, 37.0467

Triad

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



64.9029, 56.5173, 47.0233



44.2978, 56.5173, 45.1585



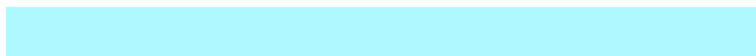
53.2634, 56.5173, 102.0836

Complementary

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



64.9029, 56.5173, 47.0233



69.1579, 83.8525, 107.1479

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.



47.6443, 56.5173, 94.9709



64.9029, 56.5173, 47.0233



42.7207, 56.5173, 60.2414

Square

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



64.9029, 56.5173, 47.0233



48.3769, 56.5173, 36.1237



43.8981, 56.5173, 78.7681



59.4385, 56.5173, 96.7251

Rectangle

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



64.9029, 56.5173, 47.0233



56.2633, 56.5173, 33.9596



43.8981, 56.5173, 78.7681



51.2507, 56.5173, 101.0471

Sweetspot

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



64.9043, 56.5200, 47.0244



84.1317, 84.3029, 86.3332



73.3660, 58.0205, 97.3916



17.7038, 17.6067, 17.8530



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.



64.9043, 56.5200, 47.0244



60.2703, 49.7803, 37.6850



74.2365, 75.1844, 50.1352



18.1162, 18.2006, 18.7026



21.7059, 11.4231, 1.0608



2.1488, 1.1830, 0.1151

Inverse Universe

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



69.1579, 83.8525, 107.1479



65.1538, 81.2039, 106.8477



57.9702, 61.4770, 103.4186



18.4343, 20.2402, 23.1851



25.2019, 35.3133, 54.9225



2.4865, 3.5036, 5.3585

Previews

White Background



This preview shows how the XYZ color 64.9029, 56.5173, 47.0233 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 64.9029, 56.5173, 47.0233 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 64.9029, 56.5173, 47.0233

Background



This preview shows how black text looks on a background with the XYZ color 64.9029, 56.5173, 47.0233.



This preview shows how white text looks on a background with the XYZ color 64.9029, 56.5173,

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

64.9029, 56.5173, 47.0233

Protanopia

54.1949, 56.9289, 52.9317

Deuteranopia

57.9764, 56.6959, 46.4158



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

64.9029, 56.5173, 47.0233

Protanomaly

57.5080, 56.3636, 50.4961

Deuteranomaly

60.4766, 56.6963, 46.7858

Tritanomaly

65.8121, 56.5615, 52.7962

Monochromacy



Original Color

64.9029, 56.5173, 47.0233

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.2927, 57.2737, 57.2728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9029, 56.5173, 47.0233 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, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 173)  
}
```

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, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 173) }
```

Border

The CSS property to change the border of an element to XYZ 64.9029, 56.5173, 47.0233 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, 179, 173) }
```


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

```
.border{ border-color:rgb(255, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9029, 56.5173, 47.0233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 173) }
```

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

```
.background{ background-color: rgb(255,  
179, 173) }
```

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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