

Converting Colors

XYZ(47.5877, 47.2968, 56.7499)

Have a look what the booklet for
XYZ(47.5877, 47.2968, 56.7499)
contains.

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Color

**XYZ(47.6268, 47.3834,
56.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B3C0
RGB	193, 179, 192
RGB Percent	76%, 70%, 75%
CMY	0.2431, 0.2980, 0.2471
CMYK	0.00, 0.07, 0.01, 0.24
HSL	304°, 10%, 73%
HSV	304°, 7%, 76%
XYZ	47.6268, 47.3834, 56.5049
YIQ	184.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

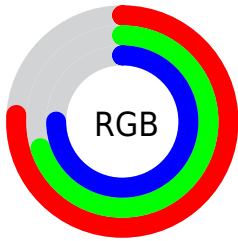
Format	Color
R_{YB}	193, 179, 192
Decimal	12694464
CIE Lab	74.43, 7.33, -4.80
CIE LCh	74, 8.765, 326.800
Yxy	47.3834, 0.3143, 0.3127
Android (android.graphics.Color)	4290884544 (0xFFC1B3C0)
YUV	184.6680, 3.6147, 7.3072
Hunter-Lab	68.8356, 3.0404, -0.4843

Details

The XYZ color **47.6268, 47.3834, 56.5049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9003, 51.0201, 50.6110**, and the grayscale version is **45.9098, 48.3006, 52.5994**.

A 20% lighter version of the original color is **85.7185, 86.3337, 100.9532**, and **22.7685, 22.2748, 27.5255** is the 20% darker color. If you saturate the color by 10%, you get **43.8747, 40.1218, 54.5046**, and if you desaturate by 10%, it is **51.9245, 55.7324, 58.6953**.

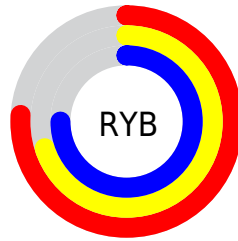
Distribution



Red (76%)

Green (70%)

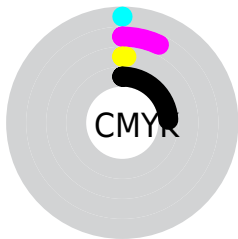
Blue (75%)



Red (76%)

Yellow (70%)

Blue (75%)

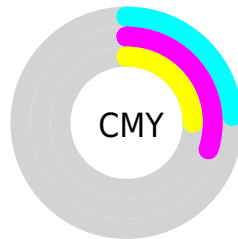


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6268, 47.3834, 56.5049 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 47.6268, 47.3834, 56.5049 by changing the saturation by 10% instead.

■ 47.6268, 47.3834,
56.5049

■ 47.6268, 47.3834,
56.5049

367.9182,
376.3428, 429.0332

■ 33.7415, 33.3389,
40.2012

■ 85.8615, 86.2856,
101.2356

■ 22.8570, 22.3862,
27.3804

110.9417,
111.9121, 130.4996

■ 14.6081, 14.1409,
17.6242

140.4841,
142.1680, 164.9207

■ 8.6293, 8.2187,
10.5139

174.8542,
177.4378, 204.9176

■ 4.5554, 4.2352,
5.6309

214.4173,
218.1057, 250.9088

■ 2.0209, 1.8060,
2.5569

259.5387,

■ 0.6456, 0.4909,

264.5563, 303.3127

0.8701

310.5839,
317.1739, 362.5480

■ 0.0000, 0.0000,
0.0000

■ 47.6268, 47.3834,
56.5049

■ 47.6268, 47.3834,
56.5049

■ 43.8747, 40.1218,
54.5046

■ 51.9245, 55.7324,
58.6953

■ 40.6417, 33.8969,
52.6837

■ 56.7847, 65.2049,
61.0797

■ 37.9052, 28.6627,
51.0354

■ 62.2287, 75.8427,
63.6658

■ 35.6395, 24.3678,
49.5511

■ 67.8899, 86.9125,
66.3314

■ 33.8164, 20.9558,
48.2212

■ 68.0492, 86.9762,
67.1702

■ 32.4048, 18.3646,
47.0355

■ 68.2099, 87.0405,
68.0167

■ 31.3695, 16.5237,
45.9822

■ 68.3721, 87.1054,
68.8708

■ 30.6694, 15.3511,
45.0475

■ 68.5357, 87.1709,
69.7325

■ 30.2470, 14.7315,
44.2123

■ 68.7009, 87.2369,
70.6020

Harmonies

Analogous

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



46.4202, 47.3834, 59.7549



47.6268, 47.3834, 56.5049



48.1385, 47.3834, 52.0797

Triad

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



47.6268, 47.3834, 56.5049



45.2063, 47.3834, 43.3836



42.3788, 47.3834, 55.6158

Complementary

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



47.6268, 47.3834, 56.5049



45.9003, 51.0201, 50.6110

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.



42.0707, 47.3834, 51.1083



47.6268, 47.3834, 56.5049



43.6805, 47.3834, 44.2094

Square

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



47.6268, 47.3834, 56.5049



46.7206, 47.3834, 44.6490



42.5419, 47.3834, 46.9733



43.3934, 47.3834, 59.2209

Rectangle

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



47.6268, 47.3834, 56.5049



48.0080, 47.3834, 49.1183



42.5419, 47.3834, 46.9733



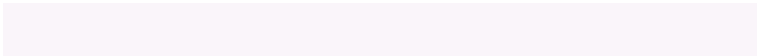
42.1902, 47.3834, 54.1484

Sweetspot

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



47.6282, 47.3854, 56.5059



89.1950, 92.4245, 103.2058



44.5546, 45.7881, 56.9424



19.1523, 19.8611, 22.1497



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.6282, 47.3854, 56.5059



83.9584, 82.2632, 100.4991



46.8779, 47.0853, 52.5552



10.4652, 10.2347, 12.5405



20.0662, 9.7162, 29.3245



0.8765, 0.4236, 1.3169

Inverse Universe

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



47.6282, 47.3854, 56.5059



83.9584, 82.2632, 100.4991



46.6244, 51.3098, 54.4241



10.4652, 10.2347, 12.5405



20.0662, 9.7162, 29.3245



0.8765, 0.4236, 1.3169

Previews

White Background



This preview shows how the XYZ color 47.6268, 47.3834, 56.5049 looks on a white background.

Color Contrast Check

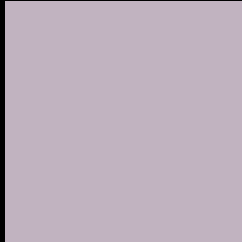
Large Text (above 18pt) WCAG AA × Fail

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 47.6268, 47.3834, 56.5049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

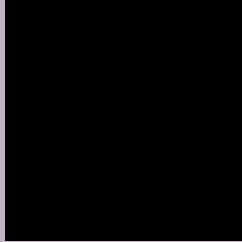
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6268, 47.3834, 56.5049

Background



This preview shows how black text looks on a background with the XYZ color 47.6268, 47.3834, 56.5049.



This preview shows how white text looks on a background with the XYZ color 47.6268, 47.3834,

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

47.6268, 47.3834, 56.5049

Protanopia

45.9940, 47.4182, 57.7674

Deuteranopia

48.4608, 47.5169, 56.4867



Tritanopia

47.7381, 47.4279, 57.0905

Trichromacy



Original Color

47.6268, 47.3834, 56.5049

Protanomaly

46.6430, 47.4628, 57.1550

Deuteranomaly

48.1998, 47.3823, 56.4745

Tritanomaly

47.7381, 47.4279, 57.0905

Monochromacy



Original Color

47.6268, 47.3834, 56.5049

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.7496, 48.1892, 54.4144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6268, 47.3834, 56.5049 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(193, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 179, 192)  
}
```

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(193, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 179, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.6268, 47.3834, 56.5049 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(193, 179, 192) }
```


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

```
.border{ border-color:rgb(193, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 179,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6268, 47.3834, 56.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 179, 192) }
```

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

```
.background{ background-color: rgb(193,  
179, 192) }
```

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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