

Converting Colors

XYZ(48.5034, 47.5643, 55.3396)

Have a look what the booklet for
XYZ(48.5034, 47.5643, 55.3396)
contains.

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Color

**XYZ(48.5034, 47.5643,
55.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B2BE
RGB	198, 178, 190
RGB Percent	78%, 70%, 75%
CMY	0.2235, 0.3019, 0.2549
CMYK	0.00, 0.10, 0.04, 0.22
HSL	324°, 15%, 74%
HSV	324°, 10%, 78%
XYZ	48.5034, 47.5643, 55.3396
YIQ	185.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

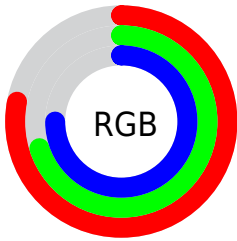
Format	Color
R_{YB}	198, 178, 190
Decimal	13021886
CIE Lab	74.55, 9.26, -3.49
CIE LCh	75, 9.896, 339.357
Yxy	47.5643, 0.3204, 0.3141
Android (android.graphics.Color)	4291211966 (0xFFC6B2BE)
YUV	185.3480, 2.2934, 11.0958
Hunter-Lab	68.9669, 4.8444, 0.7020

Details

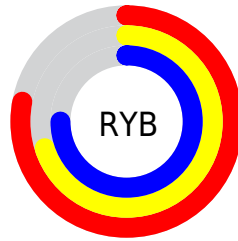
The XYZ color **48.5034, 47.5643, 55.3396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4190, 53.3997, 54.2650**, and the grayscale version is **46.2935, 48.7044, 53.0390**.

A 20% lighter version of the original color is **87.2974, 86.7595, 99.3340**, and **23.3506, 22.4027, 26.7603** is the 20% darker color. If you saturate the color by 10%, you get **44.0026, 39.9102, 49.6834**, and if you desaturate by 10%, it is **53.6227, 56.3786, 61.4353**.

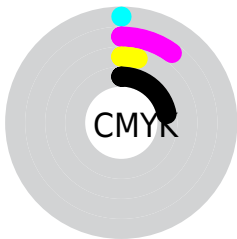
Distribution



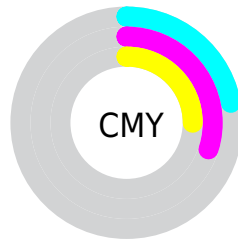
- Red (78%)
- Green (70%)
- Blue (75%)



- Red (78%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5034, 47.5643, 55.3396 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 48.5034, 47.5643, 55.3396 by changing the saturation by 10% instead.

■ 48.5034, 47.5643,
55.3396

■ 48.5034, 47.5643,
55.3396

371.3335,
377.0625, 424.5161

■ 34.4386, 33.4820,
39.2732

■ 87.1586, 86.5553,
99.5145

■ 23.3952, 22.4959,
26.6629

112.4798,
112.2328, 128.4601

■ 15.0079, 14.2218,
17.0900

142.2837,
142.5442, 162.5359

■ 8.9113, 8.2751,
10.1361

176.9359,
177.8738, 202.1603

■ 4.7400, 4.2715,
5.3825

216.8016,
218.6060, 247.7521

■ 2.1287, 1.8265,
2.4107

262.2462,

■ 0.7048, 0.5036,

265.1253, 299.7296

0.7923

313.6350,
317.8160, 358.5114

■ 0.0000, 0.0000,
0.0000

■ 48.5034, 47.5643,
55.3396

■ 48.5034, 47.5643,
55.3396

■ 44.0026, 39.9102,
49.6834

■ 53.6227, 56.3786,
61.4353

■ 40.0911, 33.3614,
44.4516

■ 59.3798, 66.3928,
67.9788

■ 36.7435, 27.8675,
39.6327

■ 65.7983, 77.6523,
74.9820

■ 33.9311, 23.3721,
35.2130

■ 72.1920, 88.7831,
82.2196

■ 31.6221, 19.8132,
31.1783

■ 73.2771, 89.2171,
87.9337

■ 29.7815, 17.1221,
27.5127

■ 74.4127, 89.6714,
93.9139

■ 28.3695, 15.2203,
24.1987

■ 75.5995, 90.1461,
100.1637

■ 27.3389, 14.0150,
21.2164

■ 76.8382, 90.6416,
106.6864

■ 26.6060, 13.3327,
18.5567

■ 77.0990, 90.7459,
108.0599

Harmonies

Analogous

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



47.4244, 47.5643, 59.7837



48.5034, 47.5643, 55.3396



48.6871, 47.5643, 50.2047

Triad

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



48.5034, 47.5643, 55.3396



44.6516, 47.5643, 42.6671



42.6013, 47.5643, 58.2892

Complementary

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



48.5034, 47.5643, 55.3396



47.4190, 53.3997, 54.2650

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.



41.8996, 47.5643, 53.4072



48.5034, 47.5643, 55.3396



43.0626, 47.5643, 44.5417

Square

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



48.5034, 47.5643, 55.3396



46.4316, 47.5643, 43.1092



42.0662, 47.5643, 48.3945



44.0069, 47.5643, 61.5630

Rectangle

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



48.5034, 47.5643, 55.3396



48.2723, 47.5643, 47.1097



42.0662, 47.5643, 48.3945



42.2770, 47.5643, 56.7692

Sweetspot

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



48.5048, 47.5664, 55.3406



92.1690, 95.0202, 105.5281



46.3650, 46.3595, 59.9314



19.5669, 20.0605, 22.3971



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.



48.5048, 47.5664, 55.3406



84.1444, 81.2430, 95.8489



47.4490, 47.1441, 49.7813



10.8965, 10.7420, 12.4382



17.3455, 8.6878, 12.2952



0.8564, 0.4254, 0.7669

Inverse Universe

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



48.5048, 47.5664, 55.3406



84.1444, 81.2430, 95.8489



48.5195, 53.8399, 60.0604



10.8965, 10.7420, 12.4382



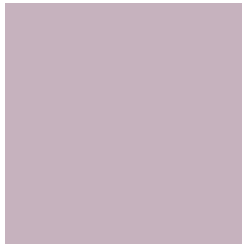
17.3455, 8.6878, 12.2952



0.8564, 0.4254, 0.7669

Previews

White Background



This preview shows how the XYZ color 48.5034, 47.5643, 55.3396 looks on a white background.

Color Contrast Check

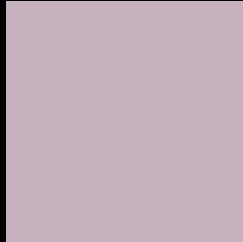
Large Text (above 18pt) WCAG AA × Fail

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 48.5034, 47.5643, 55.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

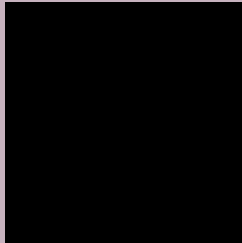
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5034, 47.5643, 55.3396

Background



This preview shows how black text looks on a background with the XYZ color 48.5034, 47.5643, 55.3396.



This preview shows how white text looks on a background with the XYZ color 48.5034, 47.5643,

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

48.5034, 47.5643, 55.3396

Protanopia

46.1208, 47.4965, 57.1890

Deuteranopia

48.5034, 47.5643, 55.3396



Tritanopia

48.7235, 47.6523, 56.4990

Trichromacy



Original Color

48.5034, 47.5643, 55.3396

Protanomaly

47.0246, 47.6723, 56.5924

Deuteranomaly

48.5034, 47.5643, 55.3396

Tritanomaly

48.6131, 47.6081, 55.9173

Monochromacy



Original Color

48.5034, 47.5643, 55.3396

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.9328, 47.9909, 53.8033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5034, 47.5643, 55.3396 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(198, 178, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 178, 190)  
}
```

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(198, 178, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 178, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.5034, 47.5643, 55.3396 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(198, 178, 190) }
```


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

```
.border{ border-color:rgb(198, 178, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 178, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 178, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 178, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 178,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5034, 47.5643, 55.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 178, 190) }
```

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

```
.background{ background-color: rgb(198,  
178, 190) }
```

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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