

Converting Colors

XYZ(50.1830, 48.7541, 60.5016)

Have a look what the booklet for
XYZ(50.1830, 48.7541, 60.5016)
contains.

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Color

**XYZ(50.2483, 48.6431,
60.7735)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B3C7
RGB	200, 179, 199
RGB Percent	78%, 70%, 78%
CMY	0.2157, 0.2980, 0.2196
CMYK	0.00, 0.10, 0.01, 0.22
HSL	303°, 16%, 74%
HSV	303°, 10%, 78%
XYZ	50.2483, 48.6431, 60.7735
YIQ	187.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

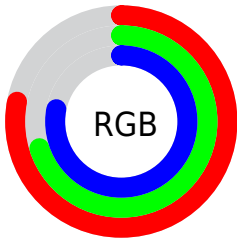
Format	Color
R _Y B	200, 179, 199
Decimal	13153223
CIE Lab	75.23, 11.07, -7.38
CIE LCh	75, 13.301, 326.306
Yxy	48.6431, 0.3147, 0.3047
Android (android.graphics.Color)	4291343303 (0xFFC8B3C7)
YUV	187.5590, 5.6404, 10.9108
Hunter-Lab	69.7446, 6.5493, -2.8424

Details

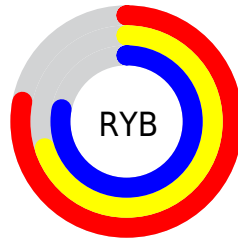
The XYZ color **50.2483, 48.6431, 60.7735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4848, 54.1889, 51.1393**, and the grayscale version is **47.5178, 49.9924, 54.4417**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **24.4257, 23.0770, 29.9550** is the 20% darker color. If you saturate the color by 10%, you get **46.4173, 41.1569, 58.9531**, and if you desaturate by 10%, it is **54.6642, 57.2966, 62.7935**.

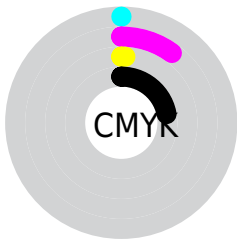
Distribution



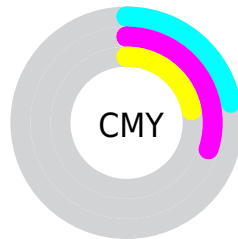
- Red (78%)
- Green (70%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2483, 48.6431, 60.7735 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 50.2483, 48.6431, 60.7735 by changing the saturation by 10% instead.

■ 50.2483, 48.6431,
60.7735

■ 50.2483, 48.6431,
60.7735

378.0721,
381.3356, 445.3266

■ 35.8293, 34.3364,
43.6130

■ 89.7323, 88.1611,
107.5052

■ 24.4719, 23.1522,
30.0314

115.5280,
114.1413, 137.9136

■ 15.8107, 14.7059,
19.6102

145.8467,
144.7815, 173.5750

■ 9.4803, 8.6133,
11.9308

181.0537,
180.4660, 214.9080

■ 5.1154, 4.4898,
6.5746

221.5144,
221.5793, 262.3311

■ 2.3506, 1.9511,
3.1231

267.5941,

■ 0.8203, 0.5789,

268.5057, 316.2629

1.1578

319.6583,
321.6297, 377.1219

■ 0.0000, 0.0000,
0.0000

■ 50.2483, 48.6431,
60.7735

■ 50.2483, 48.6431,
60.7735

■ 46.4173, 41.1569,
58.9531

■ 54.6642, 57.2966,
62.7935

■ 43.1421, 34.7817,
57.3207

■ 59.6841, 67.1578,
65.0176

■ 40.3972, 29.4663,
55.8686

■ 65.3317, 78.2731,
67.4544

■ 38.1539, 25.1528,
54.5870

■ 70.3368, 88.1023,
69.6805

■ 36.3804, 21.7779,
53.4655

■ 70.4505, 88.1478,
70.2795

35.0415, 19.2709,
52.4922

70.5650, 88.1936,
70.8823

34.0968, 17.5514,
51.6536

70.6801, 88.2397,
71.4887

33.4986, 16.5238,
50.9340

70.7960, 88.2860,
72.0988

33.1661, 16.0181,
50.3319

70.9126, 88.3327,
72.7126

Harmonies

Analogous

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



48.3443, 48.6431, 65.9457



50.2483, 48.6431, 60.7735



51.0757, 48.6431, 53.8346

Triad

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



50.2483, 48.6431, 60.7735



46.5368, 48.6431, 40.6549



42.1542, 48.6431, 59.1447

Complementary

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



50.2483, 48.6431, 60.7735



47.4848, 54.1889, 51.1393

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.



41.7081, 48.6431, 52.1030



50.2483, 48.6431, 60.7735



44.1856, 48.6431, 41.8088

Square

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



50.2483, 48.6431, 60.7735



48.8858, 48.6431, 42.5526



42.4390, 48.6431, 45.8540



43.6795, 48.6431, 64.9487

Rectangle

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



50.2483, 48.6431, 60.7735



50.8846, 48.6431, 49.2804



42.4390, 48.6431, 45.8540



41.8754, 48.6431, 56.8269

Sweetspot

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



50.2497, 48.6452, 60.7746



92.5993, 95.1924, 107.7940



45.3002, 46.0802, 61.1511



19.6834, 20.1070, 23.0103



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.



50.2497, 48.6452, 60.7746



85.1183, 80.5416, 104.3405



49.1047, 48.1872, 54.7451



11.0604, 10.8076, 13.3016



21.0976, 10.1886, 32.0534



1.0059, 0.4852, 1.5540

Inverse Universe

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



50.2497, 48.6452, 60.7746



85.1183, 80.5416, 104.3405



48.5625, 54.6200, 56.8147



11.0604, 10.8076, 13.3016



21.0976, 10.1886, 32.0534



1.0059, 0.4852, 1.5540

Previews

White Background



This preview shows how the XYZ color 50.2483, 48.6431, 60.7735 looks on a white background.

Color Contrast Check

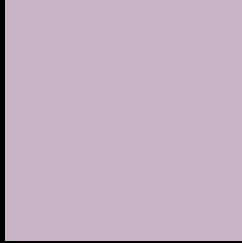
Large Text (above 18pt) WCAG AA × Fail

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 50.2483, 48.6431, 60.7735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

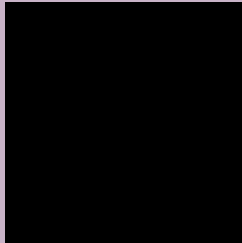
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2483, 48.6431, 60.7735

Background



This preview shows how black text looks on a background with the XYZ color 50.2483, 48.6431, 60.7735.



This preview shows how white text looks on a background with the XYZ color 50.2483, 48.6431,

60.7735.

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

50.2483, 48.6431, 60.7735

Protanopia

47.5683, 48.7356, 62.7769

Deuteranopia

49.6560, 48.6364, 60.8034



Tritanopia

49.6121, 48.6797, 57.8202

Trichromacy



Original Color

50.2483, 48.6431, 60.7735

Protanomaly

48.5058, 48.6201, 62.0864

Deuteranomaly

49.9188, 48.7718, 60.8157

Tritanomaly

49.8383, 48.7702, 59.0114

Monochromacy



Original Color

50.2483, 48.6431, 60.7735

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.6016, 49.7102, 56.9026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2483, 48.6431, 60.7735 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(200, 179, 199)` looks like.

```
.text, #text, p{  
    color:rgb(200, 179, 199)  
}
```

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(200, 179, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 179, 199) }
```

Border

The CSS property to change the border of an element to XYZ 50.2483, 48.6431, 60.7735 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(200, 179, 199) }
```


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

```
.border{ border-color:rgb(200, 179, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 179, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 179, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 179, 199);  
box-shadow:4px 4px 4px 4px rgb(200, 179,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2483, 48.6431, 60.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 179, 199) }
```

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

```
.background{ background-color: rgb(200,  
179, 199) }
```

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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