

Converting Colors

XYZ(49.7512, 48.3926, 60.8573)

Have a look what the booklet for
XYZ(49.7512, 48.3926, 60.8573)
contains.

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Color

**XYZ(49.7176, 48.3695,
60.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B3C7
RGB	198, 179, 199
RGB Percent	78%, 70%, 78%
CMY	0.2235, 0.2980, 0.2196
CMYK	0.01, 0.10, 0.00, 0.22
HSL	297°, 15%, 74%
HSV	297°, 10%, 78%
XYZ	49.7176, 48.3695, 60.7487
YIQ	186.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

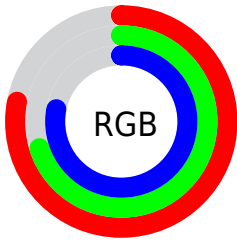
Format	Color
R _Y B	198, 179, 199
Decimal	13022151
CIE Lab	75.06, 10.38, -7.65
CIE LCh	75, 12.894, 323.595
Yxy	48.3695, 0.3130, 0.3045
Android (android.graphics.Color)	4291212231 (0xFFC6B3C7)
YUV	186.9610, 5.9352, 9.6812
Hunter-Lab	69.5482, 5.8942, -3.1047

Details

The XYZ color **49.7176, 48.3695, 60.7487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3843, 53.8061, 50.5385**, and the grayscale version is **47.1790, 49.6359, 54.0535**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **24.0733, 22.8953, 29.9385** is the 20% darker color. If you saturate the color by 10%, you get **45.7526, 40.8270, 59.5025**, and if you desaturate by 10%, it is **54.2627, 57.0682, 62.1889**.

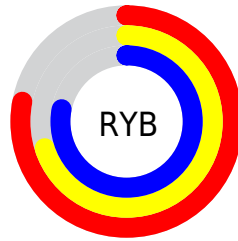
Distribution



Red (78%)

Green (70%)

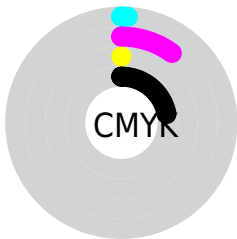
Blue (78%)



Red (78%)

Yellow (70%)

Blue (78%)

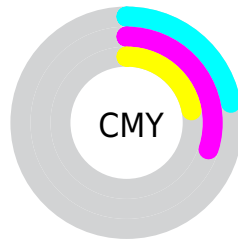


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (30%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7176, 48.3695, 60.7487 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 49.7176, 48.3695, 60.7487 by changing the saturation by 10% instead.

■ 49.7176, 48.3695,
60.7487

■ 49.7176, 48.3695,
60.7487

376.0308,
380.2549, 445.2330

■ 35.4059, 34.1196,
43.5932

■ 88.9506, 87.7543,
107.4690

■ 24.1437, 22.9855,
30.0159

114.6027,
113.6580, 137.8708

■ 15.5656, 14.5828,
19.5985

144.7657,
144.2150, 173.5251

■ 9.3062, 8.5271,
11.9224

179.8049,
179.8099, 214.8504

■ 5.0001, 4.4340,
6.5690

220.0856,
220.8269, 262.2653

■ 2.2821, 1.9192,
3.1197

265.9733,

■ 0.7855, 0.5599,

267.6505, 316.1884

1.1561

317.8332,
320.6650, 377.0381

■ 0.0000, 0.0000,
0.0000

■ 49.7176, 48.3695,
60.7487

■ 49.7176, 48.3695,
60.7487

■ 45.7526, 40.8270,
59.5025

■ 54.2627, 57.0682,
62.1889

■ 42.3390, 34.3853,
58.4391

■ 59.4068, 66.9631,
63.8277

■ 39.4518, 28.9940,
57.5506

■ 65.1730, 78.0997,
65.6733

■ 37.0626, 24.5961,
56.8277

■ 70.4211, 88.1976,
67.3458

■ 35.1403, 21.1294,
56.2599

■ 70.6913, 88.3369,
67.3585

■ 33.6501, 18.5244,
55.8356

■ 70.9631, 88.4770,
67.3712

■ 32.5525, 16.7022,
55.5417

■ 71.2367, 88.6181,
67.3840

■ 31.8009, 15.5693,
55.3627

■ 71.5121, 88.7600,
67.3969

■ 31.3076, 14.9488,
55.2689

■ 71.7892, 88.9029,
67.4098

Harmonies

Analogous

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



47.8112, 48.3695, 65.4746



49.7176, 48.3695, 60.7487



50.6249, 48.3695, 54.1270

Triad

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



49.7176, 48.3695, 60.7487



46.4811, 48.3695, 40.7950



41.9455, 48.3695, 58.0326

Complementary

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



49.7176, 48.3695, 60.7487



47.3843, 53.8061, 50.5385

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.



41.6166, 48.3695, 51.2318



49.7176, 48.3695, 60.7487



44.1840, 48.3695, 41.6476

Square

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



49.7176, 48.3695, 60.7487



48.7155, 48.3695, 42.8977



42.4227, 48.3695, 45.3343



43.3369, 48.3695, 63.8152

Rectangle

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



49.7176, 48.3695, 60.7487



50.5197, 48.3695, 49.6746



42.4227, 48.3695, 45.3343



41.7090, 48.3695, 55.7755

Sweetspot

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



49.7190, 48.3716, 60.7497



92.5173, 95.1433, 108.0961



45.2900, 46.4869, 60.6194



19.6611, 20.0937, 23.0922



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.



49.7190, 48.3716, 60.7497



85.4926, 81.7175, 105.8749



49.0056, 48.1168, 55.6126



11.0287, 10.7886, 13.4186



20.1538, 9.6239, 35.5397



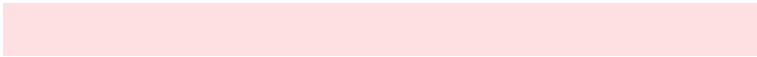
0.9708, 0.4642, 1.6836

Inverse Universe

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



47.9132, 47.6798, 49.8603



81.7212, 80.2737, 83.0885



48.0567, 54.0483, 55.2901



10.6550, 10.6454, 11.1666



15.1900, 7.8255, 0.9442



0.7269, 0.3736, 0.0851

Previews

White Background



This preview shows how the XYZ color 49.7176, 48.3695, 60.7487 looks on a white background.

Color Contrast Check

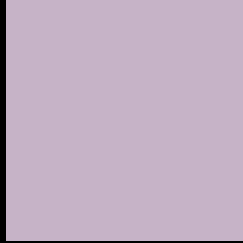
Large Text (above 18pt) WCAG AA × Fail

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 49.7176, 48.3695, 60.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

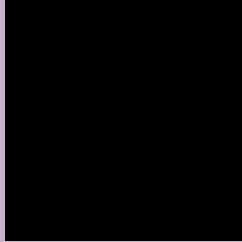
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7176, 48.3695, 60.7487

Background



This preview shows how black text looks on a background with the XYZ color 49.7176, 48.3695, 60.7487.



This preview shows how white text looks on a background with the XYZ color 49.7176, 48.3695,

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

49.7176, 48.3695, 60.7487

Protanopia

47.3296, 48.6125, 62.7657

Deuteranopia

49.3950, 48.5018, 60.7912



Tritanopia

49.0848, 48.4079, 57.7955

Trichromacy



Original Color

49.7176, 48.3695, 60.7487

Protanomaly

48.0096, 48.3643, 62.0632

Deuteranomaly

49.6560, 48.6364, 60.8034

Tritanomaly

49.3110, 48.4984, 58.9867

Monochromacy



Original Color

49.7176, 48.3695, 60.7487

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0303, 49.1189, 56.2396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7176, 48.3695, 60.7487 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, 179, 199)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 179, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 199) }
```

Border

The CSS property to change the border of an element to XYZ 49.7176, 48.3695, 60.7487 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, 179, 199) }
```


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

```
.border{ border-color:rgb(198, 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(198, 179, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7176, 48.3695, 60.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 199) }
```

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

```
.background{ background-color: rgb(198,  
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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