

Converting Colors

XYZ(49.8813, 49.9924, 56.4568)

Have a look what the booklet for
XYZ(49.8813, 49.9924, 56.4568)
contains.

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Color

**XYZ(49.8332, 50.0483,
56.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B8BF
RGB	198, 184, 191
RGB Percent	78%, 72%, 75%
CMY	0.2235, 0.2784, 0.2510
CMYK	0.00, 0.07, 0.04, 0.22
HSL	330°, 11%, 75%
HSV	330°, 7%, 78%
XYZ	49.8332, 50.0483, 56.3240
YIQ	188.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

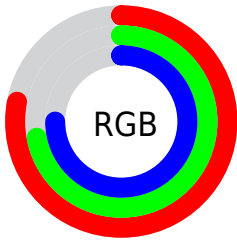
Format	Color
R_{YB}	198, 184, 191
Decimal	13023423
CIE Lab	76.10, 6.20, -1.76
CIE LCh	76, 6.444, 344.170
Yxy	50.0483, 0.3190, 0.3204
Android (android.graphics.Color)	4291213503 (0xFFC6B8BF)
YUV	188.9840, 0.9939, 7.9070
Hunter-Lab	70.7448, 1.9333, 2.3172

Details

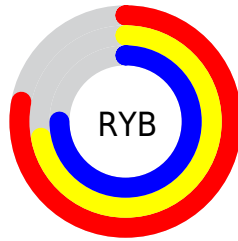
The XYZ color **49.8332, 50.0483, 56.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3672, 54.3415, 57.1800**, and the grayscale version is **48.3539, 50.8720, 55.3997**.

A 20% lighter version of the original color is **89.1886, 90.2956, 100.7237**, and **24.2053, 23.9969, 27.4009** is the 20% darker color. If you saturate the color by 10%, you get **44.9518, 41.9704, 49.5011**, and if you desaturate by 10%, it is **55.3669, 59.3114, 63.7291**.

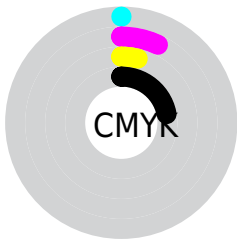
Distribution



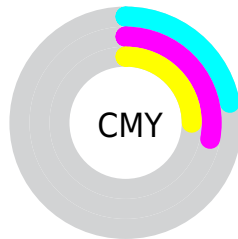
- Red (78%)
- Green (72%)
- Blue (75%)



- Red (78%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8332, 50.0483, 56.3240 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 49.8332, 50.0483, 56.3240 by changing the saturation by 10% instead.

■ 49.8332, 50.0483,
56.3240

■ 49.8332, 50.0483,
56.3240

376.4761,
386.8548, 428.3340

■ 35.4981, 35.4518,
40.0570

■ 89.1210, 90.2464,
100.9687

■ 24.2152, 24.0111,
27.2689

114.8044,
116.6168, 130.1834

■ 15.6189, 15.3418,
17.5410

145.0014,
147.6807, 164.5512

■ 9.3440, 9.0597,
10.4550

180.0772,
183.8223, 204.4905

■ 5.0251, 4.7801,
5.5921

220.3972,
225.4261, 250.4199

■ 2.2969, 2.1188,
2.5339

266.3268,

■ 0.7931, 0.6752,

272.8766, 302.7579

0.8581

318.2313,
326.5580, 361.9231

■ 0.0000, 0.0000,
0.0000

■ 49.8332, 50.0483,
56.3240

■ 49.8332, 50.0483,
56.3240

■ 44.9518, 41.9704,
49.5011

■ 55.3669, 59.3114,
63.7291

■ 40.6931, 35.0229,
43.2415

■ 61.5723, 69.7985,
71.7281

■ 37.0316, 29.1567,
37.5302

■ 68.4734, 81.5548,
80.3361

■ 33.9385, 24.3163,
32.3497

■ 73.4180, 89.2735,
88.6758

■ 31.3820, 20.4412,
27.6819

■ 74.8537, 89.8478,
96.2361

■ 29.3277, 17.4646,
23.5068

■ 76.3698, 90.4542,
104.2195

■ 27.7362, 15.3110,
19.8032

■ 77.0991, 90.7460,
108.0599

■ 26.5622, 13.8923,
16.5469

■ 25.7443, 13.0888,
13.7083

Harmonies

Analogous

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



49.2020, 50.0483, 59.3929



49.8332, 50.0483, 56.3240



49.8511, 50.0483, 52.8859

Triad

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



49.8332, 50.0483, 56.3240



47.0045, 50.0483, 48.3110



45.9270, 50.0483, 59.2491

Complementary

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



49.8332, 50.0483, 56.3240



49.3672, 54.3415, 57.1800

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.



45.3584, 50.0483, 56.1345



49.8332, 50.0483, 56.3240



45.9734, 50.0483, 49.8724

Square

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



49.8332, 50.0483, 56.3240



48.2041, 50.0483, 48.3570



45.3752, 50.0483, 52.7043



46.9403, 50.0483, 61.1297

Rectangle

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



49.8332, 50.0483, 56.3240



49.5120, 50.0483, 50.8519



45.3752, 50.0483, 52.7043



45.6783, 50.0483, 58.3061

Sweetspot

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



49.8346, 50.0505, 56.3251



93.0365, 96.6259, 106.2164



48.8213, 49.4369, 60.3961



19.9348, 20.7173, 22.7629



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.



49.8346, 50.0505, 56.3251



87.2845, 87.0281, 98.4219



49.0827, 49.7497, 52.3656



10.8513, 10.7239, 12.2001



16.6523, 8.4105, 8.6448



0.8250, 0.4129, 0.6019

Inverse Universe

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



49.8346, 50.0505, 56.3251



87.2845, 87.0281, 98.4219



50.1559, 54.6570, 61.3333



10.8513, 10.7239, 12.2001



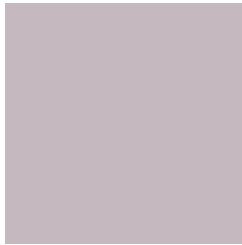
16.6523, 8.4105, 8.6448



0.8250, 0.4129, 0.6019

Previews

White Background



This preview shows how the XYZ color 49.8332, 50.0483, 56.3240 looks on a white background.

Color Contrast Check

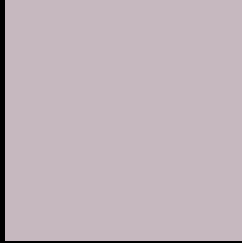
Large Text (above 18pt) WCAG AA × Fail

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 49.8332, 50.0483, 56.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

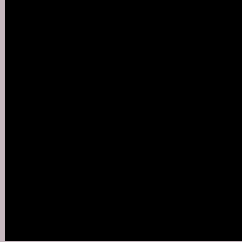
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.8332, 50.0483, 56.3240

Background



This preview shows how black text looks on a background with the XYZ color 49.8332, 50.0483, 56.3240.



This preview shows how white text looks on a background with the XYZ color 49.8332, 50.0483,

56.3240.

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

49.8332, 50.0483, 56.3240

Protanopia

48.6312, 50.3381, 57.6052

Deuteranopia

51.0338, 50.0549, 56.2620



Tritanopia

50.5647, 50.0403, 59.8170

Trichromacy



Original Color

49.8332, 50.0483, 56.3240

Protanomaly

49.0657, 50.2610, 56.9845

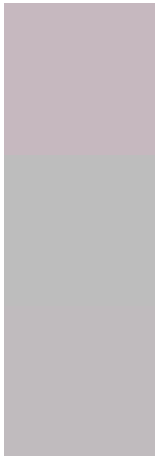
Deuteranomaly

50.6946, 50.1851, 56.3050

Tritanomaly

50.3370, 49.9492, 58.6179

Monochromacy



Original Color

49.8332, 50.0483, 56.3240

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8028, 50.4648, 55.8837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8332, 50.0483, 56.3240 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, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 191)  
}
```

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, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 191) }
```

Border

The CSS property to change the border of an element to XYZ 49.8332, 50.0483, 56.3240 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, 184, 191) }
```


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

```
.border{ border-color:rgb(198, 184, 191) }
```

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

Here you see how a box with a 4 pixel rgb(198, 184, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8332, 50.0483, 56.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 191) }
```

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

```
.background{ background-color: rgb(198,  
184, 191) }
```

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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