

Converting Colors

XYZ(48.6841, 49.4214, 57.8960)

Have a look what the booklet for
XYZ(48.6841, 49.4214, 57.8960)
contains.

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Color

**XYZ(48.6163, 49.3825,
58.0084)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B8C2
RGB	192, 184, 194
RGB Percent	75%, 72%, 76%
CMY	0.2471, 0.2784, 0.2392
CMYK	0.01, 0.05, 0.00, 0.24
HSL	288°, 8%, 74%
HSV	288°, 5%, 76%
XYZ	48.6163, 49.3825, 58.0084
YIQ	187.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

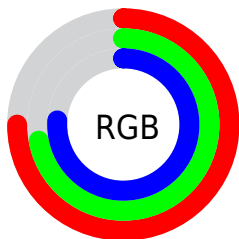
Format	Color
RYB	192, 184, 194
Decimal	12630210
CIELab	75.69, 4.66, -4.05
CIELCh	76, 6.173, 319.003
Yxy	49.3825, 0.3116, 0.3165
Android (android.graphics.Color)	4290820290 (0xFFC0B8C2)
YUV	187.5320, 3.1887, 3.9184
Hunter-Lab	70.2727, 0.5133, 0.2484

Details

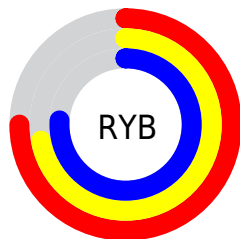
The XYZ color **48.6163, 49.3825, 58.0084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1952, 52.4848, 52.9404**, and the grayscale version is **47.5178, 49.9924, 54.4417**.

A 20% lighter version of the original color is **87.1268, 89.1788, 103.0636**, and **23.4974, 23.6150, 28.1307** is the 20% darker color. If you saturate the color by 10%, you get **43.8901, 41.3695, 56.7116**, and if you desaturate by 10%, it is **53.9239, 58.5185, 59.4928**.

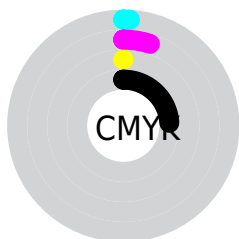
Distribution



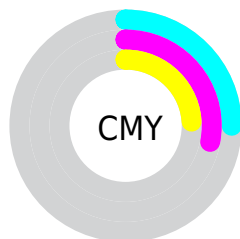
- Red (75%)
- Green (72%)
- Blue (76%)



- Red (75%)
- Yellow (72%)
- Blue (76%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6163, 49.3825, 58.0084 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 48.6163, 49.3825, 58.0084 by changing the saturation by 10% instead.

■ 48.6163, 49.3825,
58.0084

■ 48.6163, 49.3825,
58.0084

371.7719,
384.2462, 434.8164

■ 34.5285, 34.9230,
41.4007

■ 87.3255, 89.2593,
103.4500

■ 23.4647, 23.6036,
28.3102

112.6775,
115.4454, 133.1209

■ 15.0596, 15.0398,
18.3186

142.5150,
146.3091, 167.9833

■ 8.9478, 8.8473,
11.0071

177.2034,
182.2348, 208.4557

■ 4.7640, 4.6417,
5.9574

217.1078,
223.6070, 254.9567

■ 2.1428, 2.0386,
2.7508

262.5939,

■ 0.7123, 0.6298,

270.8101, 307.9048

0.9689

314.0268,
324.2283, 367.7185

■ 0.0000, 0.0000,
0.0000

■ 48.6163, 49.3825,
58.0084

■ 48.6163, 49.3825,
58.0084

■ 43.8901, 41.3695,
56.7116

■ 53.9239, 58.5185,
59.4928

■ 39.7186, 34.4282,
55.5916

■ 59.8299, 68.8132,
61.1686

■ 36.0790, 28.5129,
54.6417

■ 66.3559, 80.3089,
63.0436

■ 32.9455, 23.5722,
53.8532

■ 71.3776, 88.7567,
64.4095

■ 30.2899, 19.5500,
53.2168

■ 72.4792, 89.3245,
64.4610

■ 28.0813, 16.3847,
52.7222

■ 73.6077, 89.9063,
64.5138

■ 26.2847, 14.0068,
52.3579

■ 74.7632, 90.5020,
64.5679

■ 24.8597, 12.3359,
52.1105

■ 75.9460, 91.1117,
64.6233

■ 23.7574, 11.2740,
51.9637

■ 77.1562, 91.7356,
64.6799

Harmonies

Analogous

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



47.6564, 49.3825, 59.9478



48.6163, 49.3825, 58.0084



49.1290, 49.3825, 54.9798

Triad

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



48.6163, 49.3825, 58.0084



47.3574, 49.3825, 47.8196



44.8875, 49.3825, 55.8465

Complementary

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



48.6163, 49.3825, 58.0084



48.1952, 52.4848, 52.9404

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.



44.8104, 49.3825, 52.5764



48.6163, 49.3825, 58.0084



46.2240, 49.3825, 48.0304

Square

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



48.6163, 49.3825, 58.0084



48.3944, 49.3825, 49.1536



45.2960, 49.3825, 49.7416



45.5084, 49.3825, 58.6650

Rectangle

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



48.6163, 49.3825, 58.0084



49.1427, 49.3825, 52.7895



45.2960, 49.3825, 49.7416



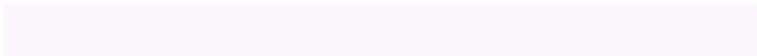
44.7975, 49.3825, 54.7609

Sweetspot

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



48.6177, 49.3846, 58.0095



90.9679, 94.4149, 105.8992



47.1009, 49.2758, 58.0684



19.9416, 20.7112, 23.1966



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.



48.6177, 49.3846, 58.0095



87.2307, 88.0177, 104.8614



48.8125, 49.5214, 56.3736



10.5950, 10.6554, 12.7831



15.3806, 7.1894, 34.1337



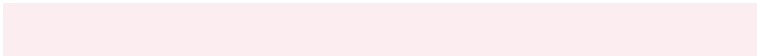
0.7160, 0.3371, 1.4772

Inverse Universe

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



48.2534, 49.2978, 53.4293



86.4579, 87.8347, 95.0952



48.0126, 52.3560, 54.4975



10.4940, 10.6315, 11.5041



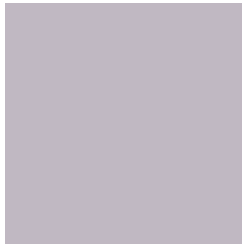
14.8902, 7.6458, 2.0677



0.6684, 0.3403, 0.2209

Previews

White Background



This preview shows how the XYZ color 48.6163, 49.3825, 58.0084 looks on a white background.

Color Contrast Check

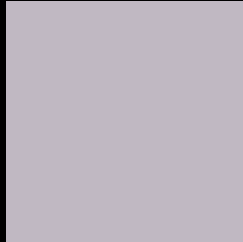
Large Text (above 18pt) WCAG AA × Fail

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 48.6163, 49.3825, 58.0084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

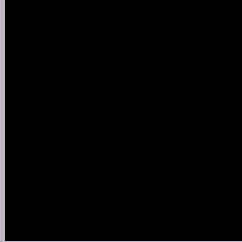
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6163, 49.3825, 58.0084

Background



This preview shows how black text looks on a background with the XYZ color 48.6163, 49.3825, 58.0084.



This preview shows how white text looks on a background with the XYZ color 48.6163, 49.3825,

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

48.6163, 49.3825, 58.0084

Protanopia

47.6928, 49.2028, 58.6132

Deuteranopia

50.4616, 49.4054, 58.5063



Tritanopia

49.1188, 49.2816, 60.3495

Trichromacy



Original Color

48.6163, 49.3825, 58.0084

Protanomaly

48.1856, 49.4569, 58.6362

Deuteranomaly

49.8670, 49.4018, 58.5370

Tritanomaly

49.0038, 49.2356, 59.7440

Monochromacy



Original Color

48.6163, 49.3825, 58.0084

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.0509, 50.0772, 55.8485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6163, 49.3825, 58.0084 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(192, 184, 194) looks like.

```
.text, #text, p{  
    color:rgb(192, 184, 194)  
}
```

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(192, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.6163, 49.3825, 58.0084 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(192, 184, 194) }
```


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

```
.border{ border-color:rgb(192, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6163, 49.3825, 58.0084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 184, 194) }
```

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

```
.background{ background-color: rgb(192,  
184, 194) }
```

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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