

Converting Colors

XYZ(48.0426, 49.5578, 58.4052)

Have a look what the booklet for
XYZ(48.0426, 49.5578, 58.4052)
contains.

XYZ(48.1483, 49.7493, 58.6946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.1483, 49.7493,
58.6946)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBAC3
RGB	188, 186, 195
RGB Percent	74%, 73%, 76%
CMY	0.2627, 0.2706, 0.2353
CMYK	0.04, 0.05, 0.00, 0.24
HSL	253°, 7%, 75%
HSV	253°, 5%, 76%
XYZ	48.1483, 49.7493, 58.6946
YIQ	187.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

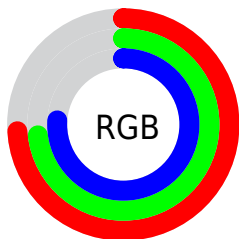
Format	Color
R _Y B	188, 186, 195
Decimal	12368579
CIE Lab	75.92, 2.40, -4.30
CIE LCh	76, 4.919, 299.148
Yxy	49.7493, 0.3075, 0.3177
Android (android.graphics.Color)	4290558659 (0xFFBCBAC3)
YUV	187.6240, 3.6364, 0.3298
Hunter-Lab	70.5332, -1.5830, 0.0347

Details

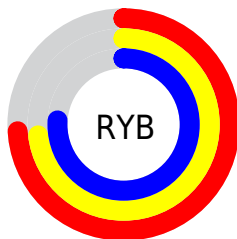
The XYZ color **48.1483, 49.7493, 58.6946** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3721, 53.9141, 54.2084**, and the grayscale version is **47.5687, 50.0460, 54.5001**.

A 20% lighter version of the original color is **86.6310, 89.7656, 104.8560**, and **23.1869, 23.8490, 28.5805** is the 20% darker color. If you saturate the color by 10%, you get **40.7746, 40.2612, 57.2526**, and if you desaturate by 10%, it is **56.4784, 60.5654, 60.3440**.

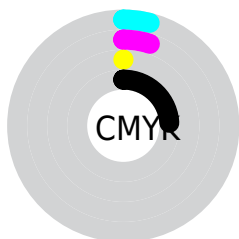
Distribution



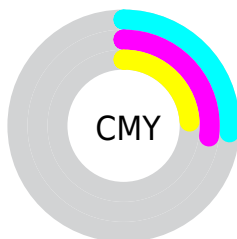
- Red (74%)
- Green (73%)
- Blue (76%)



- Red (74%)
- Yellow (73%)
- Blue (76%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1483, 49.7493, 58.6946 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 48.1483, 49.7493, 58.6946 by changing the saturation by 10% instead.

■ 48.1483, 49.7493,
58.6946

■ 48.1483, 49.7493,
58.6946

369.9525,
385.6847, 437.4395

■ 34.1561, 35.2142,
41.9489

■ 86.6335, 89.8033,
104.4584

■ 23.1770, 23.8280,
28.7360

111.8572,
116.0911, 134.3136

■ 14.8457, 15.2060,
18.6374

141.5555,
147.0652, 169.3758

■ 8.7967, 8.9641,
11.2344

176.0937,
183.1100, 210.0634

■ 4.6649, 4.7178,
6.1086

215.8371,
224.6100, 256.7951

■ 2.0847, 2.0826,
2.8414

261.1511,

■ 0.6809, 0.6548,

271.9495, 309.9893

1.0142

312.4011,
325.5130, 370.0646

■ 0.0000, 0.0000,
0.0000

■ 48.1483, 49.7493,
58.6946

■ 48.1483, 49.7493,
58.6946

■ 40.7746, 40.2612,
57.2526

■ 56.4784, 60.5654,
60.3440

■ 34.3184, 32.0435,
56.0067

■ 65.7934, 72.7516,
62.2053

■ 28.7444, 25.0435,
54.9494

■ 76.1260, 86.3562,
64.2866

■ 24.0131, 19.2025,
54.0713

■ 84.5657, 95.5423,
65.6149

■ 20.0823, 14.4569,
53.3625

■ 86.8505, 96.7202,
65.7218

■ 16.9059, 10.7369,
52.8119

■ 14.4326, 7.9642,
52.4070

■ 12.6044, 6.0492,
52.1338

■ 11.3531, 4.8841,
51.9748

Harmonies

Analogous

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



47.2590, 49.7493, 59.3705



48.1483, 49.7493, 58.6946



48.8135, 49.7493, 56.7968

Triad

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



48.1483, 49.7493, 58.6946



48.1942, 49.7493, 49.9524



45.5458, 49.7493, 54.0935

Complementary

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



48.1483, 49.7493, 58.6946



50.3721, 53.9141, 54.2084

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.



45.7892, 49.7493, 51.6226



48.1483, 49.7493, 58.6946



47.3114, 49.7493, 49.2797

Square

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



48.1483, 49.7493, 58.6946



48.8403, 49.7493, 51.7486



46.4325, 49.7493, 49.8813



45.7635, 49.7493, 56.6628

Rectangle

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



48.1483, 49.7493, 58.6946



49.0362, 49.7493, 55.1238



46.4325, 49.7493, 49.8813



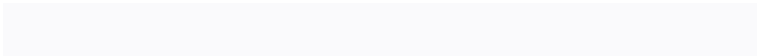
45.5764, 49.7493, 53.2243

Sweetspot

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



48.1497, 49.7514, 58.6957



91.4033, 95.7956, 106.1427



49.1827, 52.5427, 59.1800



20.0324, 20.9990, 23.2473



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.



48.1497, 49.7514, 58.6957



84.1757, 86.4428, 104.7184



49.2632, 50.3254, 58.7478



10.1951, 10.4492, 12.7644



7.1181, 2.9299, 33.7470



0.3687, 0.1581, 1.4610

Inverse Universe

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



49.6919, 50.5724, 57.5968



87.7926, 88.3686, 102.1237



49.2544, 53.3379, 54.1561



10.6687, 10.7014, 12.4239



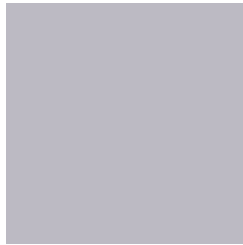
18.3283, 9.0211, 20.1727



0.8161, 0.3995, 0.9992

Previews

White Background



This preview shows how the XYZ color 48.1483, 49.7493, 58.6946 looks on a white background.

Color Contrast Check

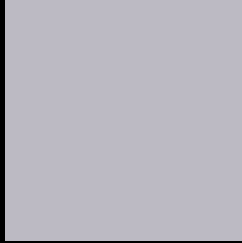
Large Text (above 18pt) WCAG AA × Fail

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 48.1483, 49.7493, 58.6946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

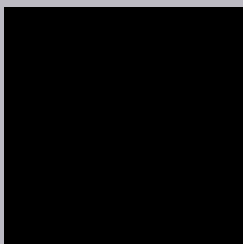
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

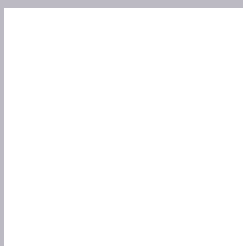
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1483, 49.7493, 58.6946

Background



This preview shows how black text looks on a background with the XYZ color 48.1483, 49.7493, 58.6946.

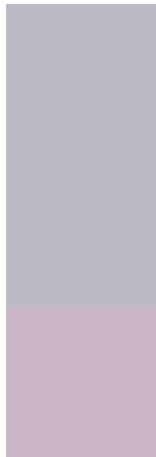


This preview shows how white text looks on a background with the XYZ color 48.1483, 49.7493,

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

48.1483, 49.7493, 58.6946

Protanopia

48.1483, 49.7493, 58.6946

Deuteranopia

50.5751, 49.4508, 59.1039



Tritanopia

48.7606, 49.6869, 61.6641

Trichromacy



Original Color

48.1483, 49.7493, 58.6946

Protanomaly

48.1483, 49.7493, 58.6946

Deuteranomaly

49.6622, 49.5883, 59.1786

Tritanomaly

48.5283, 49.5940, 60.4410

Monochromacy



Original Color

48.1483, 49.7493, 58.6946

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9133, 49.9936, 56.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1483, 49.7493, 58.6946 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(188, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 186, 195)  
}
```

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(188, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 186, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.1483, 49.7493, 58.6946 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(188, 186, 195) }
```


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

```
.border{ border-color:rgb(188, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 186, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 186, 195); box-shadow:4px 4px 4px 4px rgb(188, 186, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1483, 49.7493, 58.6946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 186, 195) }
```

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

```
.background{ background-color: rgb(188,  
186, 195) }
```

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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