

Converting Colors

XYZ(48.1578, 50.3098, 51.9960)

Have a look what the booklet for
XYZ(48.1578, 50.3098, 51.9960)
contains.

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Color

**XYZ(48.0558, 50.1660,
51.9499)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BBB7
RGB	192, 187, 183
RGB Percent	75%, 73%, 72%
CMY	0.2471, 0.2666, 0.2823
CMYK	0.00, 0.03, 0.05, 0.25
HSL	27°, 7%, 74%
HSV	27°, 5%, 75%
XYZ	48.0558, 50.1660, 51.9499
YIQ	188.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

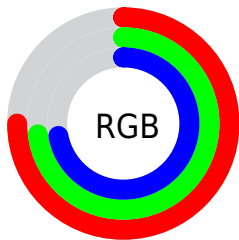
Format	Color
RYB	192, 190, 183
Decimal	12630967
CIELab	76.17, 1.04, 2.64
CIELCh	76, 2.832, 68.509
Yxy	50.1660, 0.3200, 0.3341
Android (android.graphics.Color)	4290821047 (0xFFC0BBB7)
YUV	188.0390, -2.4842, 3.4738
Hunter-Lab	70.8280, -2.8391, 6.0924

Details

The XYZ color **48.0558, 50.1660, 51.9499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0261, 49.8388, 57.0112**, and the grayscale version is **47.8353, 50.3264, 54.8055**.

A 20% lighter version of the original color is **86.3420, 90.2896, 94.5383**, and **23.2018, 24.1509, 24.5578** is the 20% darker color. If you saturate the color by 10%, you get **44.0145, 45.0660, 41.4067**, and if you desaturate by 10%, it is **52.5405, 55.7152, 63.9872**.

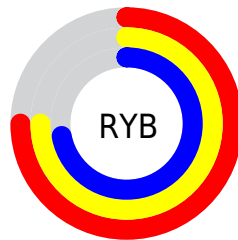
Distribution



Red (75%)

Green (73%)

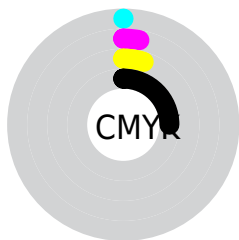
Blue (72%)



Red (75%)

Yellow (75%)

Blue (72%)

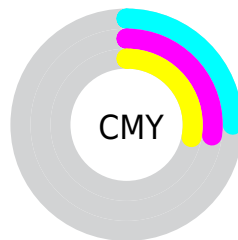


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0558, 50.1660, 51.9499 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 48.0558, 50.1660, 51.9499 by changing the saturation by 10% instead.

■ 48.0558, 50.1660,
51.9499

■ 48.0558, 50.1660,
51.9499

369.5922,
387.3147, 411.1946

■ 34.0825, 35.5453,
36.5832

■ 86.4967, 90.4208,
94.4832

■ 23.1202, 24.0832,
24.5917

111.6950,
116.8237, 122.4868

■ 14.8035, 15.3954,
15.5569

141.3656,
147.9227, 155.5398

■ 8.7670, 9.0973,
9.0602

175.8741,
184.1024, 194.0608

■ 4.6454, 4.8047,
4.6831

215.5856,
225.7470, 238.4682

■ 2.0733, 2.1331,
2.0071

260.8655,

■ 0.6747, 0.6832,

273.2410, 289.1806

0.5596

312.0793,
326.9688, 346.6166

■ 0.0000, 0.0000,
0.0000

■ 48.0558, 50.1660,
51.9499

■ 48.0558, 50.1660,
51.9499

■ 44.0145, 45.0660,
41.4067

■ 52.5405, 55.7152,
63.9872

■ 40.3978, 40.3969,
32.2953

■ 57.4781, 61.7182,
77.5708

■ 37.1916, 36.1489,
24.5538

■ 62.8834, 68.1879,
92.7547

■ 34.3794, 32.3092,
18.1148

■ 67.9860, 74.8215,
105.4665

■ 31.9435, 28.8641,
12.9047

■ 71.0376, 80.9248,
106.4837

■ 29.8647, 25.7993,
8.8427

■ 74.2737, 87.3970,
107.5624

■ 28.1216, 23.0992,
5.8381

■ 75.5485, 89.9466,
107.9873

■ 26.6900, 20.7468,
3.7863

■ 25.5414, 18.7230,
2.5606

Harmonies

Analogous

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



48.4836, 50.1660, 52.8241



48.0558, 50.1660, 51.9499



47.5306, 50.1660, 51.7848

Triad

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



48.0558, 50.1660, 51.9499



46.6800, 50.1660, 55.0555



48.3190, 50.1660, 56.9393

Complementary

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



48.0558, 50.1660, 51.9499



47.0261, 49.8388, 57.0112

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.



47.8323, 50.1660, 57.5615



48.0558, 50.1660, 51.9499



46.8878, 50.1660, 56.4607

Square

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



48.0558, 50.1660, 51.9499



46.7388, 50.1660, 53.5594



47.3087, 50.1660, 57.3847



48.6363, 50.1660, 55.6991

Rectangle

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



48.0558, 50.1660, 51.9499



47.1963, 50.1660, 52.0961



47.3087, 50.1660, 57.3847



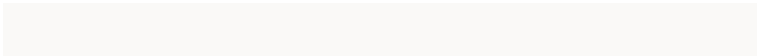
48.1696, 50.1660, 57.2287

Sweetspot

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



48.0572, 50.1682, 51.9510



89.9642, 94.4962, 101.8184



47.7603, 48.7093, 54.5188



19.3091, 20.2835, 21.8670



92.9021, 97.7402, 106.4391



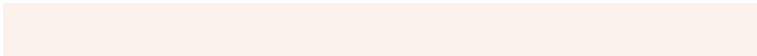
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.0572, 50.1682, 51.9510



85.9963, 89.5502, 91.2785



49.0043, 52.0624, 52.2667



10.6957, 11.1284, 11.2833



16.9101, 12.1060, 1.4454



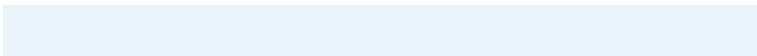
0.7993, 0.6603, 0.0853

Inverse Universe

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



47.0261, 49.8388, 57.0112



83.5891, 88.7812, 103.0912



46.1011, 47.9888, 56.7028



10.3731, 11.0253, 12.8662



9.9904, 9.7372, 34.9095



0.4995, 0.5565, 1.5310

Previews

White Background



This preview shows how the XYZ color 48.0558, 50.1660, 51.9499 looks on a white background.

Color Contrast Check

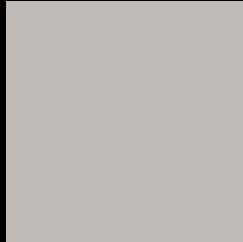
Large Text (above 18pt) WCAG AA × Fail

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 48.0558, 50.1660, 51.9499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

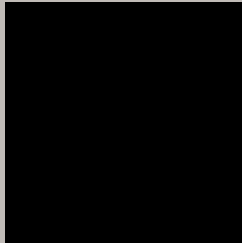
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

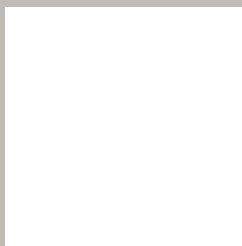
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0558, 50.1660, 51.9499

Background



This preview shows how black text looks on a background with the XYZ color 48.0558, 50.1660, 51.9499.



This preview shows how white text looks on a background with the XYZ color 48.0558, 50.1660,

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

48.0558, 50.1660, 51.9499

Protanopia

48.0558, 50.1660, 51.9499

Deuteranopia

51.1118, 50.1820, 52.3396



Tritanopia

49.9059, 50.2908, 61.1096

Trichromacy



Original Color

48.0558, 50.1660, 51.9499

Protanomaly

48.0558, 50.1660, 51.9499

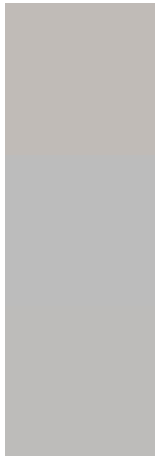
Deuteranomaly

50.1493, 50.2982, 52.4128

Tritanomaly

49.1769, 50.3055, 57.5701

Monochromacy



Original Color

48.0558, 50.1660, 51.9499

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.8324, 50.3304, 53.6481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0558, 50.1660, 51.9499 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, 187, 183) looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 183)  
}
```

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, 187, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 183) }
```

Border

The CSS property to change the border of an element to XYZ 48.0558, 50.1660, 51.9499 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, 187, 183) }
```


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

```
.border{ border-color:rgb(192, 187, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 187, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0558, 50.1660, 51.9499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 183) }
```

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

```
.background{ background-color: rgb(192,  
187, 183) }
```

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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