

Converting Colors

XYZ(48.6897, 49.7615, 49.9987)

Have a look what the booklet for
XYZ(48.6897, 49.7615, 49.9987)
contains.

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Color

**XYZ(48.8759, 49.9990,
50.2547)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B9B4
RGB	198, 185, 180
RGB Percent	78%, 73%, 71%
CMY	0.2235, 0.2745, 0.2941
CMYK	0.00, 0.07, 0.09, 0.22
HSL	17°, 14%, 74%
HSV	17°, 9%, 78%
XYZ	48.8759, 49.9990, 50.2547
YIQ	188.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

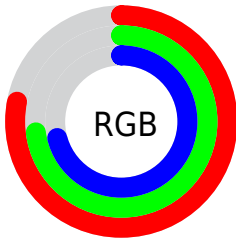
Format	Color
R_{YB}	198, 187, 180
Decimal	13023668
CIE Lab	76.07, 3.73, 4.18
CIE LCh	76, 5.601, 48.222
Yxy	49.9990, 0.3277, 0.3353
Android (android.graphics.Color)	4291213748 (0xFFC6B9B4)
YUV	188.3170, -4.1003, 8.4920
Hunter-Lab	70.7100, -0.3603, 7.3586

Details

The XYZ color **48.8759, 49.9990, 50.2547** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0852, 51.9195, 60.9138**, and the grayscale version is **48.0002, 50.5000, 54.9945**.

A 20% lighter version of the original color is **87.8356, 90.2267, 92.1429**, and **23.5836, 23.9641, 23.4612** is the 20% darker color. If you saturate the color by 10%, you get **44.1597, 43.5670, 39.4318**, and if you desaturate by 10%, it is **54.1838, 57.1522, 62.6976**.

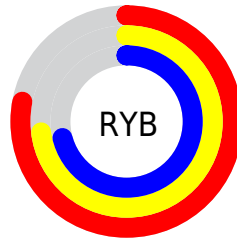
Distribution



Red (78%)

Green (73%)

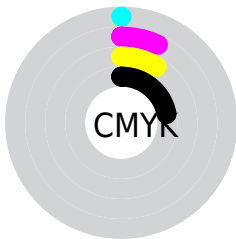
Blue (71%)



Red (78%)

Yellow (73%)

Blue (71%)

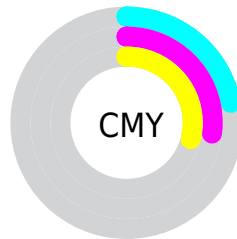


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8759, 49.9990, 50.2547 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 48.8759, 49.9990, 50.2547 by changing the saturation by 10% instead.


 48.8759, 49.9990,
50.2547

 48.8759, 49.9990,
50.2547


372.7786,
386.6620, 404.4247

 34.7352, 35.4126,
35.2432

 87.7089, 90.1734,
91.9523

 23.6245, 23.9809,
23.5652


113.1320,
116.5302, 119.4755

 15.1785, 15.3194,
14.8022

143.0465,
147.5792, 152.0064

 9.0319, 9.0439,
8.5356

177.8178,
183.7049, 189.9635

 4.8193, 4.7698,
4.3469

217.8113,
225.2916, 233.7654

 2.1753, 2.1128,
1.8175

263.3924,

 0.7297, 0.6718,

272.7238, 283.8305

0.4395

314.9264,
326.3858, 340.5774

■ 0.0000, 0.0000,
0.0000

■ 48.8759, 49.9990,
50.2547

■ 48.8759, 49.9990,
50.2547

■ 44.1597, 43.5670,
39.4318

■ 54.1838, 57.1522,
62.6976

■ 40.0101, 37.8269,
30.1588

■ 60.0992, 65.0415,
76.8204

■ 36.4061, 32.7574,
22.3651

■ 66.6423, 73.6896,
92.6838

■ 33.3240, 28.3332,
15.9733

■ 73.1474, 82.8427,
106.7427

■ 30.7380, 24.5277,
10.8990

■ 77.0990, 90.7459,
108.0599

■ 28.6202, 21.3121,
7.0485

■ 26.9394, 18.6552,
4.3156

■ 25.6602, 16.5227,
2.5758

■ 24.7296, 14.8713,
1.6188

Harmonies

Analogous

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



49.4597, 49.9990, 52.6580



48.8759, 49.9990, 50.2547



47.9345, 49.9990, 48.9912

Triad

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



48.8759, 49.9990, 50.2547



45.5797, 49.9990, 53.2725



48.1546, 49.9990, 60.1001

Complementary

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



48.8759, 49.9990, 50.2547



48.0852, 51.9195, 60.9138

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.



47.1130, 49.9990, 60.2794



48.8759, 49.9990, 50.2547



45.6366, 49.9990, 56.2626

Square

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



48.8759, 49.9990, 50.2547



46.0376, 49.9990, 50.6903



46.1944, 49.9990, 58.8523



49.0391, 49.9990, 58.3711

Rectangle

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



48.8759, 49.9990, 50.2547



47.2353, 49.9990, 48.9334



46.1944, 49.9990, 58.8523



47.8109, 49.9990, 60.3459

Sweetspot

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



48.8773, 50.0012, 50.2558



92.1058, 96.0434, 101.9629



49.2586, 48.5082, 57.3366



19.5496, 20.3352, 21.4373



0.0000, 0.0000, 0.0000



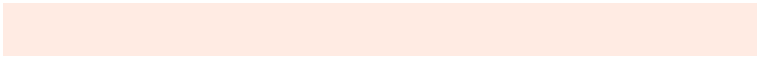
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8773, 50.0012, 50.2558



84.7343, 86.0754, 84.7851



50.7748, 53.7963, 50.8883



10.8699, 11.1089, 11.1341



16.0977, 9.7125, 1.0263



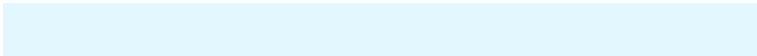
0.8248, 0.5851, 0.0695

Inverse Universe

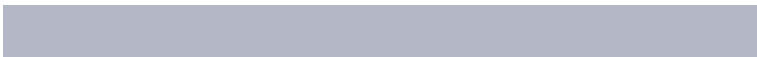
The Inverse Universe completely reimagines the original color for something new.



48.0852, 51.9195, 60.9138



83.0355, 90.1883, 107.6394



46.1982, 48.1453, 60.2848



10.6879, 11.5498, 13.5835



13.0876, 15.5692, 37.0597



0.6783, 0.8545, 1.7743

Previews

White Background



This preview shows how the XYZ color 48.8759, 49.9990, 50.2547 looks on a white background.

Color Contrast Check

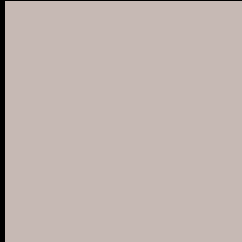
Large Text (above 18pt) WCAG AA × Fail

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 48.8759, 49.9990, 50.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

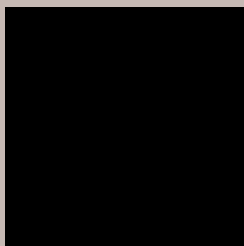
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

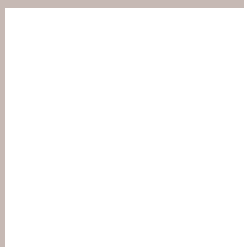
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8759, 49.9990, 50.2547

Background



This preview shows how black text looks on a background with the XYZ color 48.8759, 49.9990, 50.2547.



This preview shows how white text looks on a background with the XYZ color 48.8759, 49.9990,

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

48.8759, 49.9990, 50.2547

Protanopia

47.8490, 50.0833, 50.8612

Deuteranopia

50.8768, 49.7938, 50.6457



Tritanopia

50.6254, 49.7665, 59.7610

Trichromacy



Original Color

48.8759, 49.9990, 50.2547

Protanomaly

48.1475, 49.9233, 50.8146

Deuteranomaly

49.9703, 49.6295, 50.6618

Tritanomaly

49.8906, 49.7707, 56.2674

Monochromacy



Original Color

48.8759, 49.9990, 50.2547

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2655, 50.2499, 53.0543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8759, 49.9990, 50.2547 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, 185, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 180)  
}
```

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, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 180) }
```

Border

The CSS property to change the border of an element to XYZ 48.8759, 49.9990, 50.2547 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, 185, 180) }
```


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

```
.border{ border-color:rgb(198, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8759, 49.9990, 50.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 180) }
```

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

```
.background{ background-color: rgb(198,  
185, 180) }
```

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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