

Converting Colors

XYZ(48.2613, 49.7459, 55.1267)

Have a look what the booklet for
XYZ(48.2613, 49.7459, 55.1267)
contains.

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Color

**XYZ(48.4824, 49.9984,
55.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BABD
RGB	192, 186, 189
RGB Percent	75%, 73%, 74%
CMY	0.2471, 0.2706, 0.2588
CMYK	0.00, 0.03, 0.02, 0.25
HSL	330°, 5%, 74%
HSV	330°, 3%, 75%
XYZ	48.4824, 49.9984, 55.2395
YIQ	188.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

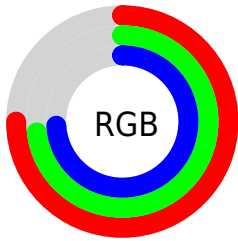
Format	Color
R _Y B	192, 186, 189
Decimal	12630717
CIE Lab	76.07, 2.66, -0.77
CIE LCh	76, 2.766, 343.760
Yxy	49.9984, 0.3154, 0.3253
Android (android.graphics.Color)	4290820797 (0xFFC0BABD)
YUV	188.1360, 0.4260, 3.3887
Hunter-Lab	70.7095, -1.3522, 3.1783

Details

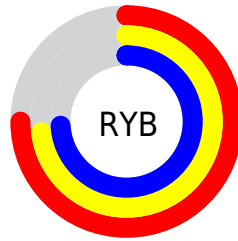
The XYZ color **48.4824, 49.9984, 55.2395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2865, 51.8137, 55.6026**, and the grayscale version is **47.8750, 50.3683, 54.8510**.

A 20% lighter version of the original color is **86.9450, 90.0533, 99.1857**, and **23.4789, 24.0416, 26.6956** is the 20% darker color. If you saturate the color by 10%, you get **43.6983, 42.0432, 48.6704**, and if you desaturate by 10%, it is **53.8819, 59.0725, 62.3556**.

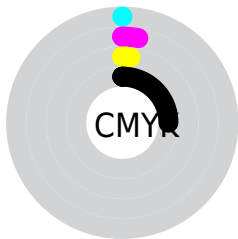
Distribution



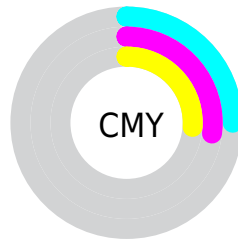
- Red (75%)
- Green (73%)
- Blue (74%)



- Red (75%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4824, 49.9984, 55.2395 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 48.4824, 49.9984, 55.2395 by changing the saturation by 10% instead.

■ 48.4824, 49.9984,
55.2395

■ 48.4824, 49.9984,
55.2395

371.2519,
386.6597, 424.1267

■ 34.4219, 35.4121,
39.1936

■ 87.1276, 90.1725,
99.3664

■ 23.3823, 23.9805,
26.6014

112.4430,
116.5291, 128.2846

■ 14.9983, 15.3192,
17.0443

142.2407,
147.5780, 162.3305

■ 8.9045, 9.0437,
10.1038

176.8861,
183.7035, 201.9229

■ 4.7356, 4.7697,
5.3613

216.7446,
225.2900, 247.4801

■ 2.1261, 2.1128,
2.3984

262.1815,

■ 0.7033, 0.6718,

272.7219, 299.4208

0.7856

313.5621,
326.3837, 358.1635

■ 0.0000, 0.0000,
0.0000

■ 48.4824, 49.9984,
55.2395

■ 48.4824, 49.9984,
55.2395

■ 43.6983, 42.0432,
48.6704

■ 53.8819, 59.0725,
62.3556

■ 39.5025, 35.1569,
42.6310

■ 59.9142, 69.3003,
70.0291

■ 35.8720, 29.2953,
37.1075

■ 66.6012, 80.7228,
78.2740

■ 32.7810, 24.4083,
32.0842

■ 71.4217, 88.2959,
86.2561

■ 30.2010, 20.4421,
27.5445

■ 72.7882, 88.8425,
93.4520

■ 28.1013, 17.3370,
23.4707

■ 74.2299, 89.4192,
101.0438

■ 26.4474, 15.0268,
19.8436

■ 75.5485, 89.9466,
107.9873

■ 25.1997, 13.4350,
16.6420

■ 24.3111, 12.4701,
13.8417

Harmonies

Analogous

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



48.2126, 49.9984, 56.5211



48.4824, 49.9984, 55.2395



48.4937, 49.9984, 53.7657

Triad

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



48.4824, 49.9984, 55.2395



47.2860, 49.9984, 51.7222



46.8079, 49.9984, 56.4318

Complementary

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



48.4824, 49.9984, 55.2395



48.2865, 51.8137, 55.6026

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.



46.5633, 49.9984, 55.1195



48.4824, 49.9984, 55.2395



46.8380, 49.9984, 52.4102

Square

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



48.4824, 49.9984, 55.2395



47.8004, 49.9984, 51.7530



46.5743, 49.9984, 53.6478



47.2446, 49.9984, 57.2180

Rectangle

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



48.4824, 49.9984, 55.2395



48.3529, 49.9984, 52.8736



46.5743, 49.9984, 53.6478



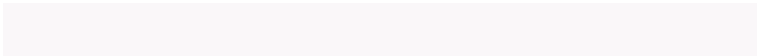
46.7006, 49.9984, 56.0366

Sweetspot

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



48.4838, 50.0006, 55.2406



89.8164, 93.8903, 102.7253



48.0614, 49.7448, 56.9383



19.2790, 20.1600, 22.0519



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.



48.4838, 50.0006, 55.2406



86.9864, 89.1556, 98.9299



48.1618, 49.8717, 53.5448



10.7929, 11.0165, 12.2596



16.0860, 8.1242, 8.3652



0.7298, 0.3649, 0.5447

Inverse Universe

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



48.4838, 50.0006, 55.2406



86.9864, 89.1556, 98.9299



48.6152, 51.9452, 57.3339



10.7929, 11.0165, 12.2596



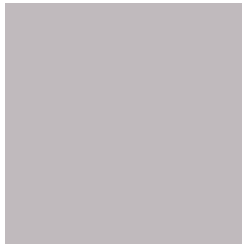
16.0860, 8.1242, 8.3652



0.7298, 0.3649, 0.5447

Previews

White Background



This preview shows how the XYZ color 48.4824, 49.9984, 55.2395 looks on a white background.

Color Contrast Check

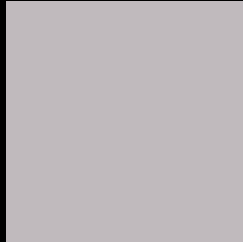
Large Text (above 18pt) WCAG AA × Fail

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 48.4824, 49.9984, 55.2395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

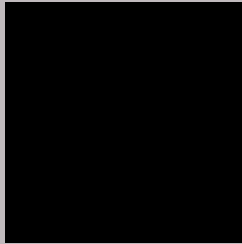
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4824, 49.9984, 55.2395

Background



This preview shows how black text looks on a background with the XYZ color 48.4824, 49.9984, 55.2395.

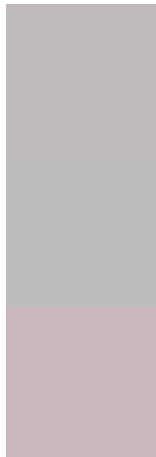


This preview shows how white text looks on a background with the XYZ color 48.4824, 49.9984,

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

48.4824, 49.9984, 55.2395

Protanopia

48.1908, 50.1619, 55.2864

Deuteranopia

50.9241, 50.0110, 55.6843



Tritanopia

49.6974, 49.8738, 61.0401

Trichromacy



Original Color

48.4824, 49.9984, 55.2395

Protanomaly

48.4415, 50.2911, 55.2981

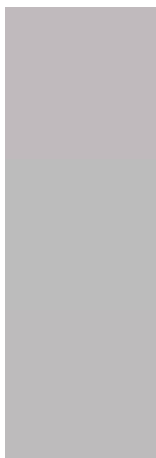
Deuteranomaly

50.0472, 49.8640, 55.7021

Tritanomaly

49.1916, 49.9755, 58.6833

Monochromacy



Original Color

48.4824, 49.9984, 55.2395

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.8337, 49.9903, 54.7049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4824, 49.9984, 55.2395 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, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 186, 189)  
}
```

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, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 189) }
```

Border

The CSS property to change the border of an element to XYZ 48.4824, 49.9984, 55.2395 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, 186, 189) }
```


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

```
.border{ border-color:rgb(192, 186, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 186, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 186, 189);  
box-shadow:4px 4px 4px 4px rgb(192, 186,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4824, 49.9984, 55.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 189) }
```

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

```
.background{ background-color: rgb(192,  
186, 189) }
```

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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