

Converting Colors

XYZ(48.8743, 49.1184, 51.2640)

Have a look what the booklet for
XYZ(48.8743, 49.1184, 51.2640)
contains.

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Color

**XYZ(48.7246, 48.9754,
51.1411)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B6B6
RGB	199, 182, 182
RGB Percent	78%, 71%, 71%
CMY	0.2196, 0.2863, 0.2863
CMYK	0.00, 0.09, 0.09, 0.22
HSL	0°, 13%, 75%
HSV	0°, 9%, 78%
XYZ	48.7246, 48.9754, 51.1411
YIQ	187.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

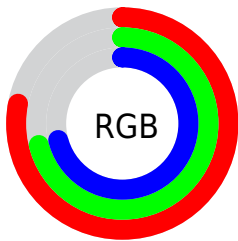
Format	Color
R _Y B	199, 182, 182
Decimal	13088438
CIE Lab	75.44, 6.05, 2.18
CIE LCh	75, 6.427, 19.856
Yxy	48.9754, 0.3274, 0.3290
Android (android.graphics.Color)	4291278518 (0xFFC7B6B6)
YUV	187.0830, -2.5059, 10.4512
Hunter-Lab	69.9824, 1.8097, 5.6603

Details

The XYZ color **48.7246, 48.9754, 51.1411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0234, 54.9144, 61.9963**, and the grayscale version is **47.2917, 49.7546, 54.1827**.

A 20% lighter version of the original color is **87.2472, 88.5821, 93.3886**, and **23.4898, 23.3052, 24.0292** is the 20% darker color. If you saturate the color by 10%, you get **43.0235, 40.6335, 39.8051**, and if you desaturate by 10%, it is **55.2996, 58.5963, 64.2115**.

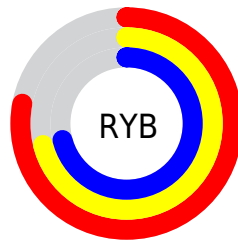
Distribution



Red (78%)

Green (71%)

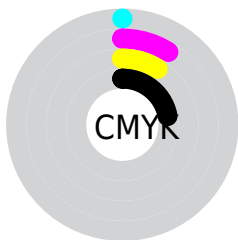
Blue (71%)



Red (78%)

Yellow (71%)

Blue (71%)

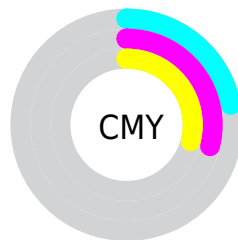


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7246, 48.9754, 51.1411 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 48.7246, 48.9754, 51.1411 by changing the saturation by 10% instead.


 48.7246, 48.9754,
51.1411

 48.7246, 48.9754,
51.1411


372.1921,
382.6455, 407.9739

 34.6147, 34.6000,
35.9434


 87.4855, 88.6549,
93.2769

 23.5313, 23.3549,
24.1011


112.8672,
114.7278, 121.0522

 15.1092, 14.8558,
15.1958


142.7368,
145.4686, 153.8570

 8.9829, 8.7182,
8.8088

177.4598,
181.2617, 192.1100

 4.7870, 4.5579,
4.5215

217.4015,
222.4916, 236.2296

 2.1563, 1.9903,
1.9156

262.9272,

 0.7196, 0.6018,

269.5426, 286.6344

0.5026

314.4022,
322.7991, 343.7430

■ 0.0000, 0.0000,
0.0000

■ 48.7246, 48.9754,
51.1411

■ 48.7246, 48.9754,
51.1411

■ 43.0235, 40.6335,
39.8051

■ 55.2996, 58.5963,
64.2115

■ 38.1557, 33.5107,
30.1276

■ 62.7789, 69.5401,
79.0816

■ 34.0835, 27.5519,
22.0320

■ 71.1963, 81.8566,
95.8170

■ 30.7645, 22.6952,
15.4340

■ 77.3634, 90.8822,
108.0723

■ 28.1526, 18.8732,
10.2420

■ 26.1965, 16.0107,
6.3540

■ 24.8382, 14.0229,
3.6544

■ 24.0092, 12.8096,
2.0073

■ 23.6012, 12.2124,
1.1966

Harmonies

Analogous

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



48.8276, 48.9754, 54.4828



48.7246, 48.9754, 51.1411



48.0333, 48.9754, 48.4940

Triad

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



48.7246, 48.9754, 51.1411



44.8304, 48.9754, 49.2306



46.1497, 48.9754, 60.0071

Complementary

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



48.7246, 48.9754, 51.1411



50.0234, 54.9144, 61.9963

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.



45.0968, 48.9754, 58.4686



48.7246, 48.9754, 51.1411



44.3437, 48.9754, 52.1855

Square

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



48.7246, 48.9754, 51.1411



45.7804, 48.9754, 47.4238



44.4404, 48.9754, 55.5720



47.3275, 48.9754, 59.6984

Rectangle

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



48.7246, 48.9754, 51.1411



47.3383, 48.9754, 47.4341



44.4404, 48.9754, 55.5720



45.7698, 48.9754, 59.6864

Sweetspot

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



48.7260, 48.9776, 51.1421



91.4510, 94.7338, 101.7446



50.5905, 49.7222, 60.9643



19.3736, 19.9834, 21.3786



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.



48.7260, 48.9776, 51.1421



83.6121, 83.2638, 86.1600



50.5192, 52.5640, 51.7399



10.6341, 10.6373, 11.0555



15.1456, 7.8084, 0.7089



0.7172, 0.3699, 0.0336

Inverse Universe

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



50.0234, 54.9144, 61.9963



86.2812, 95.4770, 108.4891



48.1228, 51.1131, 61.3628



10.9466, 12.0672, 13.6697



19.7555, 28.9049, 39.2823



0.9355, 1.3688, 1.8600

Previews

White Background



This preview shows how the XYZ color 48.7246, 48.9754, 51.1411 looks on a white background.

Color Contrast Check

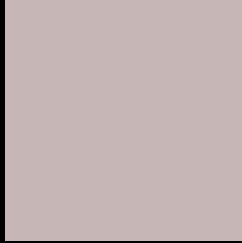
Large Text (above 18pt) WCAG AA × Fail

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 48.7246, 48.9754, 51.1411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

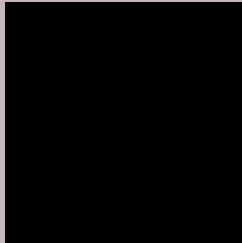
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7246, 48.9754, 51.1411

Background



This preview shows how black text looks on a background with the XYZ color 48.7246, 48.9754, 51.1411.



This preview shows how white text looks on a background with the XYZ color 48.7246, 48.9754,

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

48.7246, 48.9754, 51.1411

Protanopia

47.2359, 49.1058, 52.3362

Deuteranopia

49.9416, 48.9991, 51.0815



Tritanopia

50.1463, 48.9551, 57.8452

Trichromacy



Original Color

48.7246, 48.9754, 51.1411

Protanomaly

47.6801, 49.0373, 51.7519

Deuteranomaly

49.5960, 49.1217, 51.1234

Tritanomaly

49.6376, 49.0448, 55.5656

Monochromacy



Original Color

48.7246, 48.9754, 51.1411

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5918, 49.2771, 52.9020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7246, 48.9754, 51.1411 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(199, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 182)  
}
```

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(199, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 48.7246, 48.9754, 51.1411 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(199, 182, 182) }
```


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

```
.border{ border-color:rgb(199, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7246, 48.9754, 51.1411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 182) }
```

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

```
.background{ background-color: rgb(199,  
182, 182) }
```

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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