

# Converting Colors

XYZ(47.4013, 48.2781, 53.7595)

Have a look what the booklet for  
XYZ(47.4013, 48.2781, 53.7595)  
contains.

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# **Color**

**XYZ(47.4358, 48.2502,  
53.8268)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0B6BB
RGB	192, 182, 187
RGB Percent	75%, 71%, 73%
CMY	0.2471, 0.2863, 0.2667
CMYK	0.00, 0.05, 0.03, 0.25
HSL	330°, 7%, 73%
HSV	330°, 5%, 75%
XYZ	47.4358, 48.2502, 53.8268
YIQ	185.5600, 4.3550, 3.6750

# Conversions

## Conversions Part 2

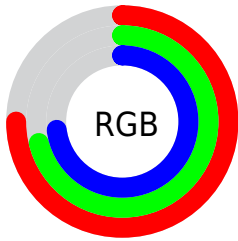
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 182, 187
Decimal	12629691
CIE <sub>Lab</sub>	74.98, 4.44, -1.27
CIE <sub>LCh</sub>	75, 4.619, 343.990
Yxy	48.2502, 0.3173, 0.3227
Android (android.graphics.Color)	4290819771 (0xFFC0B6BB)
YUV	185.5600, 0.7099, 5.6479
Hunter-Lab	69.4624, 0.3384, 2.6795

# Details

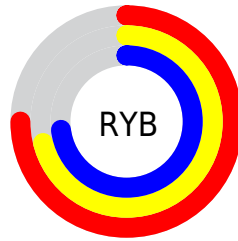
The XYZ color **47.4358, 48.2502, 53.8268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1125, 51.2335, 54.4221**, and the grayscale version is **46.4217, 48.8392, 53.1859**.

A 20% lighter version of the original color is **85.4636, 87.5766, 97.1936**, and **22.8008, 22.9107, 25.7747** is the 20% darker color. If you saturate the color by 10%, you get **42.7766, 40.5218, 47.3703**, and if you desaturate by 10%, it is **52.7057, 57.0885, 60.8272**.

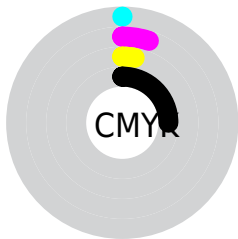
# Distribution



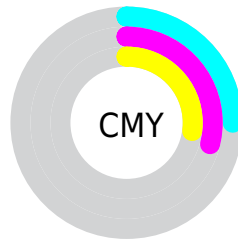
- Red (75%)
- Green (71%)
- Blue (73%)



- Red (75%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (25%)



- Cyan (25%)
- Magenta (29%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4358, 48.2502, 53.8268 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 47.4358, 48.2502, 53.8268 by changing the saturation by 10% instead.



■ 47.4358, 48.2502,  
53.8268

■ 47.4358, 48.2502,  
53.8268

367.1713,  
379.7830, 418.6051

■ 33.5897, 34.0251,  
38.0710

■ 85.5786, 87.5768,  
97.2737

■ 22.7400, 22.9129,  
25.7355

110.6059,  
113.4471, 125.8019

■ 14.5213, 14.5292,  
16.4019

140.0911,  
143.9678, 159.4246

■ 8.5682, 8.4896,  
9.6516

174.3994,  
179.5235, 198.5604

■ 4.5155, 4.4098,  
5.0660

213.8962,  
220.4985, 243.6278

■ 1.9977, 1.9053,  
2.2266

258.9469,

■ 0.6327, 0.5516,

267.2771, 295.0454

0.6897

309.9168,  
320.2438, 353.2316

■ 0.0000, 0.0000,  
0.0000

■ 47.4358, 48.2502,  
53.8268

■ 47.4358, 48.2502,  
53.8268

■ 42.7766, 40.5218,  
47.3703

■ 52.7057, 57.0885,  
60.8272

■ 38.7008, 33.8530,  
41.4404

■ 58.6039, 67.0721,  
68.3821

■ 35.1850, 28.1987,  
36.0230

■ 65.1526, 78.2425,  
76.5057

■ 32.2030, 23.5082,  
31.1023

■ 71.1456, 88.1855,  
84.8020

■ 29.7258, 19.7265,  
26.6616

■ 72.4963, 88.7257,  
91.9146

■ 27.7220, 16.7928,  
22.6828

■ 73.9219, 89.2960,  
99.4218

■ 26.1562, 14.6390,  
19.1464

■ 75.4236, 89.8966,  
107.3295

■ 24.9875, 13.1860,  
16.0306

■ 75.5485, 89.9466,  
107.9873

■ 24.1665, 12.3377,  
13.3104

# Harmonies

## Analogous

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



46.9951, 48.2502, 55.9467



47.4358, 48.2502, 53.8268



47.4509, 48.2502, 51.4222

# Triad

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



47.4358, 48.2502, 53.8268



45.4697, 48.2502, 48.1601



44.7043, 48.2502, 55.8261

# Complementary

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



47.4358, 48.2502, 53.8268



47.1125, 51.2335, 54.4221

# 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.



44.3058, 48.2502, 53.6663



47.4358, 48.2502, 53.8268



44.7440, 48.2502, 49.2673

# Square

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



47.4358, 48.2502, 53.8268



46.3088, 48.2502, 48.2001



44.3202, 48.2502, 51.2665



45.4148, 48.2502, 57.1250



# Rectangle

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



47.4358, 48.2502, 53.8268



47.2172, 48.2502, 49.9841



44.3202, 48.2502, 51.2665



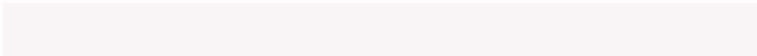
44.5298, 48.2502, 55.1739

# Sweetspot

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



47.4372, 48.2523, 53.8278



88.8616, 92.2912, 101.4503



46.7376, 47.8287, 56.6384



19.0843, 19.8340, 21.7920



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.



47.4372, 48.2523, 53.8278



85.1572, 86.1033, 96.4516



46.9114, 48.0420, 51.0590



10.5835, 10.6673, 11.9753



16.0866, 8.1244, 8.3680



0.7299, 0.3650, 0.5448

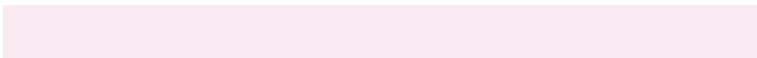


# Inverse Universe

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



47.4372, 48.2523, 53.8278



85.1572, 86.1033, 96.4516



47.6569, 51.4512, 57.2891



10.5835, 10.6673, 11.9753



16.0866, 8.1244, 8.3680



0.7299, 0.3650, 0.5448



# Previews

## White Background



This preview shows how the XYZ color 47.4358, 48.2502, 53.8268 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

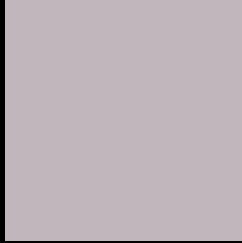
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 47.4358, 48.2502, 53.8268 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

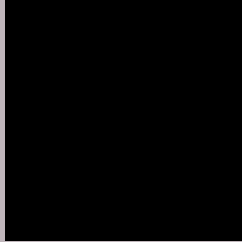
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 47.4358, 48.2502, 53.8268**

## **Background**



This preview shows how black text looks on a background with the XYZ color 47.4358, 48.2502, 53.8268.



This preview shows how white text looks on a background with the XYZ color 47.4358, 48.2502,



# 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

47.4358, 48.2502, 53.8268

### Protanopia

46.7111, 48.4766, 54.4719

### Deuteranopia

49.2846, 48.2885, 54.3000



## Tritanopia

48.3665, 48.3253, 58.4083

# Trichromacy



## Original Color

47.4358, 48.2502, 53.8268

## Protanomaly

46.9969, 48.3166, 54.4260

## Deuteranomaly

48.6871, 48.2791, 54.3297

## Tritanomaly

48.0306, 48.1910, 56.6395

# Monochromacy



## Original Color

47.4358, 48.2502, 53.8268

## Achromatopsia

46.6715, 49.1021, 53.4722

## Achromatomaly

46.9509, 48.9345, 53.4251

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 47.4358, 48.2502, 53.8268 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, 182, 187) looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 187)  
}
```

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, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 187) }
```

## Border

The CSS property to change the border of an element to XYZ 47.4358, 48.2502, 53.8268 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, 182, 187) }
```



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

```
.border{ border-color:rgb(192, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
187) }
```

# Background

The CSS property to change the background color of an element to XYZ 47.4358, 48.2502, 53.8268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 182, 187) }
```

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

```
.background{ background-color: rgb(192,  
182, 187) }
```

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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