

Converting Colors

XYZ(47.2303, 48.1849, 53.2207)

Have a look what the booklet for
XYZ(47.2303, 48.1849, 53.2207)
contains.

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Color

**XYZ(47.3291, 48.2075,
53.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B6BA
RGB	192, 182, 186
RGB Percent	75%, 71%, 73%
CMY	0.2471, 0.2863, 0.2706
CMYK	0.00, 0.05, 0.03, 0.25
HSL	336°, 7%, 73%
HSV	336°, 5%, 75%
XYZ	47.3291, 48.2075, 53.2648
YIQ	185.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

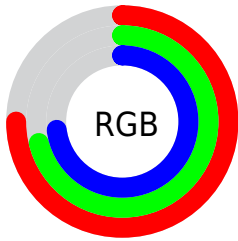
Format	Color
RYB	192, 182, 186
Decimal	12629690
CIELab	74.96, 4.26, -0.77
CIELCh	75, 4.327, 349.776
Yxy	48.2075, 0.3181, 0.3240
Android (android.graphics.Color)	4290819770 (0xFFC0B6BA)
YUV	185.4460, 0.2731, 5.7479
Hunter-Lab	69.4316, 0.1719, 3.1175

Details

The XYZ color **47.3291, 48.2075, 53.2648** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2200, 51.2765, 54.9881**, and the grayscale version is **46.3603, 48.7747, 53.1156**.

A 20% lighter version of the original color is **85.3129, 87.5163, 96.4003**, and **22.7314, 22.8829, 25.4091** is the 20% darker color. If you saturate the color by 10%, you get **42.4876, 40.4062, 45.8486**, and if you desaturate by 10%, it is **52.8113, 57.1307, 61.3832**.

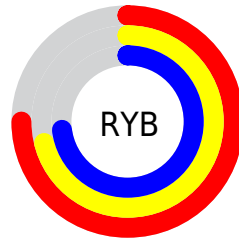
Distribution



Red (75%)

Green (71%)

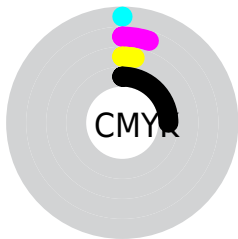
Blue (73%)



Red (75%)

Yellow (71%)

Blue (73%)

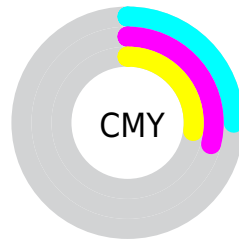


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3291, 48.2075, 53.2648 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 47.3291, 48.2075, 53.2648 by changing the saturation by 10% instead.

■ 47.3291, 48.2075,
53.2648

■ 47.3291, 48.2075,
53.2648

366.7536,
379.6140, 416.3953

■ 33.5049, 33.9912,
37.6250

■ 85.4204, 87.5133,
96.4394

■ 22.6746, 22.8869,
25.3922

110.4183,
113.3716, 124.8113

■ 14.4728, 14.5100,
16.1478

139.8714,
143.8793, 158.2643

■ 8.5341, 8.4762,
9.4733

174.1452,
179.4210, 197.2170

■ 4.4932, 4.4012,
4.9502

213.6049,
220.3809, 242.0879

■ 1.9848, 1.9004,
2.1598

258.6160,

■ 0.6254, 0.5486,

267.1434, 293.2956

0.6510

309.5438,
320.0930, 351.2585

■ 0.0000, 0.0000,
0.0000

■ 47.3291, 48.2075,
53.2648

■ 47.3291, 48.2075,
53.2648

■ 42.4876, 40.4062,
45.8486

■ 52.8113, 57.1307,
61.3832

■ 38.2586, 33.6761,
39.1121

■ 58.9528, 67.2116,
70.2194

■ 34.6178, 27.9718,
33.0359

■ 65.7767, 78.4921,
79.7923

■ 31.5376, 23.2421,
27.5984

■ 72.0778, 88.5583,
89.7106

■ 28.9881, 19.4314,
22.7768

■ 73.7701, 89.2353,
98.6224

■ 26.9366, 16.4787,
18.5468

■ 75.5485, 89.9466,
107.9873

■ 25.3464, 14.3151,
14.8819

■ 24.1753, 12.8611,
11.7533

■ 23.3723, 12.0200,
9.1281

Harmonies

Analogous

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



46.9879, 48.2075, 55.3460



47.3291, 48.2075, 53.2648



47.2623, 48.2075, 51.0334

Triad

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



47.3291, 48.2075, 53.2648



45.3084, 48.2075, 48.5063



44.8470, 48.2075, 55.8776

Complementary

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



47.3291, 48.2075, 53.2648



47.2200, 51.2765, 54.9881

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.



44.4069, 48.2075, 53.9736



47.3291, 48.2075, 53.2648



44.6712, 48.2075, 49.7336

Square

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



47.3291, 48.2075, 53.2648



46.0896, 48.2075, 48.3289



44.3429, 48.2075, 51.7223



45.5510, 48.2075, 56.8829

Rectangle

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



47.3291, 48.2075, 53.2648



46.9957, 48.2075, 49.7587



44.3429, 48.2075, 51.7223



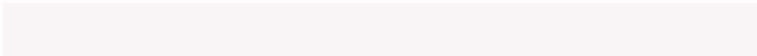
44.6636, 48.2075, 55.3190

Sweetspot

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



47.3305, 48.2096, 53.2658



88.7844, 92.2603, 101.0435



46.9831, 47.9553, 56.6499



19.0686, 19.8277, 21.7091



92.9021, 97.7402, 106.4391



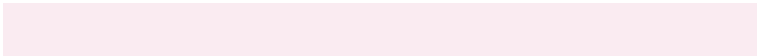
19.4759, 20.4902, 22.3138

Same Dimension

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



47.3305, 48.2096, 53.2658



84.9323, 86.0133, 95.2671



47.1169, 48.4529, 51.1274



10.5534, 10.6553, 11.8167



15.5594, 7.9135, 5.5920



0.7063, 0.3555, 0.4208

Inverse Universe

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



47.3305, 48.2096, 53.2658



84.9323, 86.0133, 95.2671



47.4382, 51.0137, 57.2163



10.5534, 10.6553, 11.8167



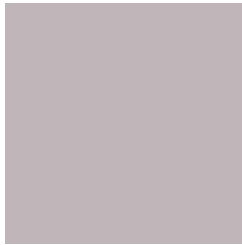
15.5594, 7.9135, 5.5920



0.7063, 0.3555, 0.4208

Previews

White Background



This preview shows how the XYZ color 47.3291, 48.2075, 53.2648 looks on a white background.

Color Contrast Check

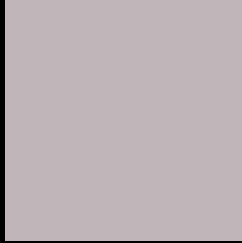
Large Text (above 18pt) WCAG AA × Fail

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 47.3291, 48.2075, 53.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

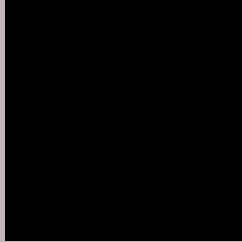
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3291, 48.2075, 53.2648

Background



This preview shows how black text looks on a background with the XYZ color 47.3291, 48.2075, 53.2648.



This preview shows how white text looks on a background with the XYZ color 47.3291, 48.2075,

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

47.3291, 48.2075, 53.2648

Protanopia

46.6036, 48.4336, 53.9061

Deuteranopia

49.1771, 48.2456, 53.7341



Tritanopia

48.3665, 48.3253, 58.4083

Trichromacy



Original Color

47.3291, 48.2075, 53.2648

Protanomaly

46.8894, 48.2736, 53.8601

Deuteranomaly

48.5796, 48.2361, 53.7638

Tritanomaly

48.0306, 48.1910, 56.6395

Monochromacy



Original Color

47.3291, 48.2075, 53.2648

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6365, 48.4751, 52.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3291, 48.2075, 53.2648 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 186) }
```

Border

The CSS property to change the border of an element to XYZ 47.3291, 48.2075, 53.2648 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, 186) }
```


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

```
.border{ border-color:rgb(192, 182, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3291, 48.2075, 53.2648 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, 186) }
```

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

```
.background{ background-color: rgb(192,  
182, 186) }
```

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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