

Converting Colors

XYZ(47.8512, 47.2214, 50.3903)

Have a look what the booklet for
XYZ(47.8512, 47.2214, 50.3903)
contains.

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Color

**XYZ(47.8141, 47.3191,
50.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B2B5
RGB	199, 178, 181
RGB Percent	78%, 70%, 71%
CMY	0.2196, 0.3019, 0.2902
CMYK	0.00, 0.11, 0.09, 0.22
HSL	351°, 16%, 74%
HSV	351°, 11%, 78%
XYZ	47.8141, 47.3191, 50.3295
YIQ	184.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

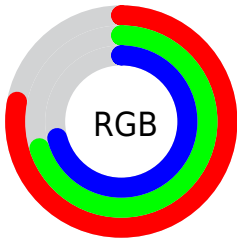
Format	Color
R_{YB}	199, 178, 181
Decimal	13087413
CIE _{Lab}	74.39, 8.03, 1.21
CIE _{LCh}	74, 8.122, 8.584
Yxy	47.3191, 0.3287, 0.3253
Android (android.graphics.Color)	4291277493 (0xFFC7B2B5)
YUV	184.6210, -1.7852, 12.6104
Hunter-Lab	68.7889, 3.6921, 4.7726

Details

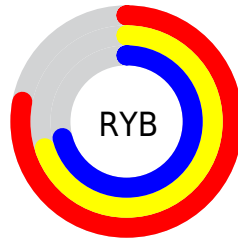
The XYZ color **47.8141, 47.3191, 50.3295** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7492, 54.2986, 60.1386**, and the grayscale version is **45.9098, 48.3007, 52.5995**.

A 20% lighter version of the original color is **85.9489, 86.2201, 92.2329**, and **22.9070, 22.2455, 23.5086** is the 20% darker color. If you saturate the color by 10%, you get **42.4937, 39.3099, 40.4421**, and if you desaturate by 10%, it is **53.9259, 56.5670, 61.5395**.

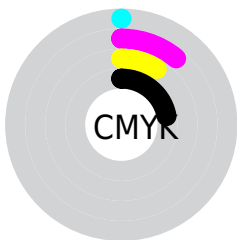
Distribution



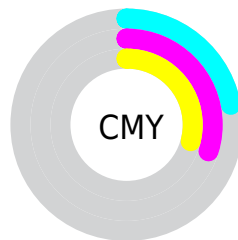
- Red (78%)
- Green (70%)
- Blue (71%)



- Red (78%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8141, 47.3191, 50.3295 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 47.8141, 47.3191, 50.3295 by changing the saturation by 10% instead.

■ 47.8141, 47.3191,
50.3295

■ 47.8141, 47.3191,
50.3295

368.6497,
376.0868, 404.7250

■ 33.8903, 33.2880,
35.3023

■ 86.1389, 86.1897,
92.0642

■ 22.9719, 22.3472,
23.6104

111.2707,
111.7981, 119.6088

■ 14.6933, 14.1122,
14.8353

140.8692,
142.0342, 152.1629

■ 8.6893, 8.1987,
8.5586

175.2997,
177.2827, 190.1450

■ 4.5946, 4.2224,
4.3615

214.9277,
217.9277, 233.9737

■ 2.0437, 1.7987,
1.8257

260.1184,

■ 0.6583, 0.4864,

264.3539, 284.0676

0.4448

311.2373,
316.9454, 340.8452

■ 0.0000, 0.0000,
0.0000

■ 47.8141, 47.3191,
50.3295

■ 47.8141, 47.3191,
50.3295

■ 42.4937, 39.3099,
40.4421

■ 53.9259, 56.5670,
61.5395

■ 37.9285, 32.4808,
31.8253

■ 60.8557, 67.0965,
74.1152

■ 34.0851, 26.7779,
24.4284

■ 68.6335, 78.9562,
88.1018

■ 30.9263, 22.1404,
18.1959

■ 76.4500, 90.5169,
103.2622

■ 28.4114, 18.5020,
13.0681

■ 77.3635, 90.8823,
108.0723

■ 26.4954, 15.7889,
8.9800

■ 25.1274, 13.9172,
5.8593

■ 24.2475, 12.7872,
3.6247

■ 23.7679, 12.2280,
2.2315

Harmonies

Analogous

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



47.6448, 47.3191, 54.5199



47.8141, 47.3191, 50.3295



47.2099, 47.3191, 46.6605

Triad

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



47.8141, 47.3191, 50.3295



43.2440, 47.3191, 45.4791



43.9562, 47.3191, 59.3908

Complementary

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



47.8141, 47.3191, 50.3295



48.7492, 54.2986, 60.1386

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.



42.8125, 47.3191, 56.7110



47.8141, 47.3191, 50.3295



42.4075, 47.3191, 48.6370

Square

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



47.8141, 47.3191, 50.3295



44.5569, 47.3191, 43.9612



42.2513, 47.3191, 52.7341



45.3965, 47.3191, 59.9045

Rectangle

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



47.8141, 47.3191, 50.3295



46.4574, 47.3191, 44.9496



42.2513, 47.3191, 52.7341



43.5253, 47.3191, 58.7067

Sweetspot

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



47.8154, 47.3212, 50.3305



91.6198, 94.8006, 102.6362



48.9566, 47.6821, 60.6568



19.4190, 20.0013, 21.6180



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.



47.8154, 47.3212, 50.3305



81.1288, 78.9458, 83.3324



49.0128, 50.2028, 49.2288



10.6945, 10.6612, 11.3746



15.3028, 7.8707, 1.5387



0.7450, 0.3809, 0.1806

Inverse Universe

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



47.8154, 47.3212, 50.3305



81.1288, 78.9458, 83.3324



47.4435, 51.1359, 61.4031



10.6945, 10.6612, 11.3746



15.3028, 7.8707, 1.5387



0.7450, 0.3809, 0.1806

Previews

White Background



This preview shows how the XYZ color 47.8141, 47.3191, 50.3295 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 47.8141, 47.3191, 50.3295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

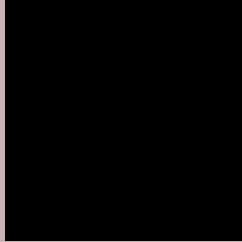
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8141, 47.3191, 50.3295

Background



This preview shows how black text looks on a background with the XYZ color 47.8141, 47.3191, 50.3295.



This preview shows how white text looks on a background with the XYZ color 47.8141, 47.3191,

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

47.8141, 47.3191, 50.3295

Protanopia

45.5249, 47.3139, 51.5328

Deuteranopia

48.1500, 47.1980, 50.2884



Tritanopia

48.8358, 47.4413, 55.2984

Trichromacy



Original Color

47.8141, 47.3191, 50.3295

Protanomaly

46.4532, 47.5015, 50.9763

Deuteranomaly

47.8820, 47.0598, 50.2759

Tritanomaly

48.5112, 47.3115, 53.5889

Monochromacy



Original Color

47.8141, 47.3191, 50.3295

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6149, 47.8637, 52.1292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8141, 47.3191, 50.3295 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, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 178, 181)  
}
```

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, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 178, 181) }
```

Border

The CSS property to change the border of an element to XYZ 47.8141, 47.3191, 50.3295 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, 178, 181) }
```


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

```
.border{ border-color:rgb(199, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(199, 178,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8141, 47.3191, 50.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 178, 181) }
```

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

```
.background{ background-color: rgb(199,  
178, 181) }
```

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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