

Converting Colors

XYZ(47.4072, 47.1858, 52.5815)

Have a look what the booklet for
XYZ(47.4072, 47.1858, 52.5815)
contains.

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Color

**XYZ(47.1830, 46.9457,
52.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B2B9
RGB	195, 178, 185
RGB Percent	76%, 70%, 73%
CMY	0.2353, 0.3019, 0.2745
CMYK	0.00, 0.09, 0.05, 0.24
HSL	335°, 12%, 73%
HSV	335°, 9%, 76%
XYZ	47.1830, 46.9457, 52.4735
YIQ	183.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

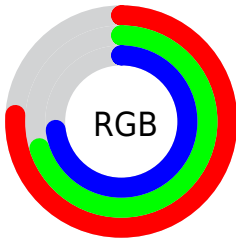
Format	Color
R_YB	195, 178, 185
Decimal	12825273
CIE Lab	74.16, 7.30, -1.36
CIE LCh	74, 7.427, 349.417
Yxy	46.9457, 0.3218, 0.3202
Android (android.graphics.Color)	4291015353 (0xFFC3B2B9)
YUV	183.8810, 0.5517, 9.7514
Hunter-Lab	68.5169, 3.0163, 2.5548

Details

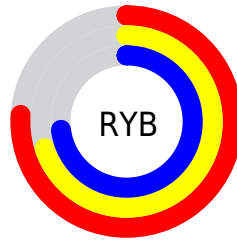
The XYZ color **47.1830, 46.9457, 52.4735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9541, 52.1272, 55.1663**, and the grayscale version is **45.4894, 47.8584, 52.1178**.

A 20% lighter version of the original color is **85.4449, 85.8920, 95.2945**, and **22.4830, 21.9959, 24.8904** is the 20% darker color. If you saturate the color by 10%, you get **42.4131, 39.2661, 45.1473**, and if you desaturate by 10%, it is **52.6049, 55.7716, 60.5004**.

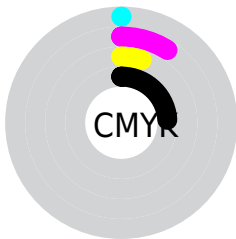
Distribution



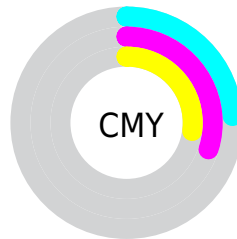
- Red (76%)
- Green (70%)
- Blue (73%)



- Red (76%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (24%)



- Cyan (24%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1830, 46.9457, 52.4735 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 47.1830, 46.9457, 52.4735 by changing the saturation by 10% instead.

■ 47.1830, 46.9457,
52.4735

■ 47.1830, 46.9457,
52.4735

366.1812,
374.5977, 413.2707

■ 33.3889, 32.9927,
36.9978

■ 85.2038, 85.6326,
95.2629

■ 22.5852, 22.1209,
24.9100

110.1612,
111.1352, 123.4136

■ 14.4065, 13.9457,
15.7916

139.5704,
141.2566, 156.6264

■ 8.4875, 8.0829,
9.2241

173.7968,
176.3811, 195.3199

■ 4.4629, 4.1481,
4.7888

213.2058,
216.8930, 239.9125

■ 1.9672, 1.7567,
2.0673

258.1626,

■ 0.6154, 0.4600,

263.1769, 290.8228

0.5962

309.0326,
315.6170, 348.4694

■ 0.0000, 0.0000,
0.0000

■ 47.1830, 46.9457,
52.4735

■ 47.1830, 46.9457,
52.4735

■ 42.4131, 39.2661,
45.1473

■ 52.6049, 55.7716,
60.5004

■ 38.2657, 32.6794,
38.4991

■ 58.6987, 65.7820,
69.2438

■ 34.7150, 27.1371,
32.5089

■ 65.4886, 77.0210,
78.7231

■ 31.7317, 22.5847,
27.1548

■ 72.6746, 88.8857,
88.8485

■ 29.2840, 18.9626,
22.4135

■ 74.3480, 89.5551,
97.6603

■ 27.3368, 16.2049,
18.2599

■ 76.1295, 90.2677,
107.0419

■ 25.8503, 14.2368,
14.6668

■ 76.3159, 90.3422,
108.0233

■ 24.7783, 12.9704,
11.6040

■ 24.0464, 12.2619,
9.0311

Harmonies

Analogous

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



46.5919, 46.9457, 56.0324



47.1830, 46.9457, 52.4735



47.0772, 46.9457, 48.7185

Triad

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



47.1830, 46.9457, 52.4735



43.7753, 46.9457, 44.5120



42.9767, 46.9457, 56.8851

Complementary

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



47.1830, 46.9457, 52.4735



46.9541, 52.1272, 55.1663

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.



42.2507, 46.9457, 53.5907



47.1830, 46.9457, 52.4735



42.7055, 46.9457, 46.4957

Square

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



47.1830, 46.9457, 52.4735



45.0920, 46.9457, 44.2462



42.1525, 46.9457, 49.7819



44.1522, 46.9457, 58.6622

Rectangle

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



47.1830, 46.9457, 52.4735



46.6264, 46.9457, 46.6031



42.1525, 46.9457, 49.7819



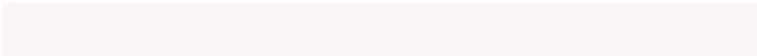
42.6730, 46.9457, 55.9110

Sweetspot

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



47.1843, 46.9477, 52.4745



89.8655, 92.7866, 101.9753



46.4909, 46.4640, 58.1484



19.5056, 20.0359, 22.0740



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.



47.1843, 46.9477, 52.4745



83.2067, 81.9793, 92.0169



46.7469, 47.2260, 48.7737



10.2413, 10.1451, 11.3610



15.6147, 7.9356, 5.8832



0.7089, 0.3566, 0.4344

Inverse Universe

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



47.1843, 46.9477, 52.4745



83.2067, 81.9793, 92.0169



47.4111, 51.8046, 59.1308



10.2413, 10.1451, 11.3610



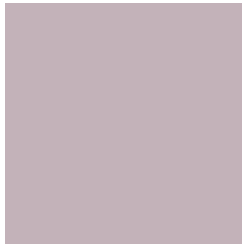
15.6147, 7.9356, 5.8832



0.7089, 0.3566, 0.4344

Previews

White Background



This preview shows how the XYZ color 47.1830, 46.9457, 52.4735 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 47.1830, 46.9457, 52.4735 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 47.1830, 46.9457, 52.4735

Background



This preview shows how black text looks on a background with the XYZ color 47.1830, 46.9457, 52.4735.



This preview shows how white text looks on a background with the XYZ color 47.1830, 46.9457,

52.4735.

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

47.1830, 46.9457, 52.4735

Protanopia

45.2607, 46.8260, 53.6665

Deuteranopia

48.0323, 47.0892, 52.4565



Tritanopia

47.8911, 46.9416, 55.8267

Trichromacy



Original Color

47.1830, 46.9457, 52.4735

Protanomaly

45.9232, 46.8791, 53.0825

Deuteranomaly

47.7678, 46.9528, 52.4441

Tritanomaly

47.6724, 46.8542, 54.6753

Monochromacy



Original Color

47.1830, 46.9457, 52.4735

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.1187, 47.6080, 52.1059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1830, 46.9457, 52.4735 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(195, 178, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 178, 185)  
}
```

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(195, 178, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 185) }
```

Border

The CSS property to change the border of an element to XYZ 47.1830, 46.9457, 52.4735 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(195, 178, 185) }
```


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

```
.border{ border-color:rgb(195, 178, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 178, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 178, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 178, 185);  
box-shadow:4px 4px 4px 4px rgb(195, 178,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1830, 46.9457, 52.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 178, 185) }
```

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

```
.background{ background-color: rgb(195,  
178, 185) }
```

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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