

Converting Colors

XYZ(47.4199, 45.9572, 52.9954)

Have a look what the booklet for
XYZ(47.4199, 45.9572, 52.9954)
contains.

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Color

**XYZ(47.2877, 45.8230,
52.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	C6AEBA
RGB	198, 174, 186
RGB Percent	78%, 68%, 73%
CMY	0.2235, 0.3176, 0.2706
CMYK	0.00, 0.12, 0.06, 0.22
HSL	330°, 17%, 73%
HSV	330°, 12%, 78%
XYZ	47.2877, 45.8230, 52.8068
YIQ	182.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

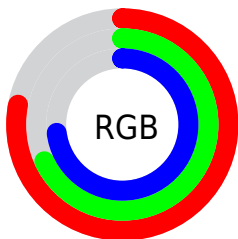
Format	Color
R _Y B	198, 174, 186
Decimal	13020858
CIE Lab	73.43, 10.72, -2.94
CIE LCh	73, 11.114, 344.636
Yxy	45.8230, 0.3241, 0.3140
Android (android.graphics.Color)	4291210938 (0xFFC6AEBA)
YUV	182.5440, 1.7038, 13.5549
Hunter-Lab	67.6927, 6.2315, 1.1330

Details

The XYZ color **47.2877, 45.8230, 52.8068** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5143, 52.9333, 54.2225**, and the grayscale version is **44.7482, 47.0786, 51.2686**.

A 20% lighter version of the original color is **85.5638, 84.2644, 95.7594**, and **22.6948, 21.5418, 25.1521** is the 20% darker color. If you saturate the color by 10%, you get **42.7248, 38.3232, 46.2714**, and if you desaturate by 10%, it is **52.4901, 54.4837, 59.9164**.

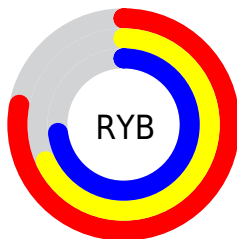
Distribution



Red (78%)

Green (68%)

Blue (73%)



Red (78%)

Yellow (68%)

Blue (73%)

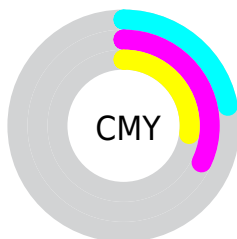


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2877, 45.8230, 52.8068 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 47.2877, 45.8230, 52.8068 by changing the saturation by 10% instead.

■ 47.2877, 45.8230,
52.8068

■ 47.2877, 45.8230,
52.8068

366.5915,
370.0966, 414.5887

■ 33.4721, 32.1062,
37.2619

■ 85.3590, 83.9540,
95.7587

■ 22.6493, 21.4426,
25.1130

110.3454,
109.1370, 124.0027

■ 14.4540, 13.4479,
15.9414

139.7861,
138.9109, 157.3169

■ 8.5209, 7.7377,
9.3288

174.0465,
173.6600, 196.1198

■ 4.4846, 3.9276,
4.8565

213.4918,
213.7687, 240.8298

■ 1.9798, 1.6331,
2.1061

258.4876,

■ 0.6226, 0.3798,

259.6214, 291.8657

0.6194

309.3990,
311.6026, 349.6458

■ 0.0000, 0.0000,
0.0000

■ 47.2877, 45.8230,
52.8068

■ 47.2877, 45.8230,
52.8068

■ 42.7248, 38.3232,
46.2714

■ 52.4901, 54.4837,
59.9164

■ 38.7713, 31.9286,
40.2913

■ 58.3525, 64.3460,
67.6123

■ 35.4007, 26.5877,
34.8506

■ 64.8993, 75.4559,
75.9102

■ 32.5827, 22.2427,
29.9317

■ 72.1526, 87.8554,
84.8239

■ 30.2845, 18.8303,
25.5156

■ 74.1180, 89.5535,
92.3619

■ 28.4692, 16.2794,
21.5816

■ 75.5931, 90.1436,
100.1297

■ 27.0948, 14.5090,
18.1071

■ 77.0990, 90.7459,
108.0599

■ 26.1113, 13.4220,
15.0665

■ 25.5405, 12.9065,
12.9462

Harmonies

Analogous

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



46.2541, 45.8230, 57.9708



47.2877, 45.8230, 52.8068



47.3008, 45.8230, 47.2168

Triad

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



47.2877, 45.8230, 52.8068



42.6085, 45.8230, 40.1661



40.9274, 45.8230, 57.8638

Complementary

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



47.2877, 45.8230, 52.8068



46.5143, 52.9333, 54.2225

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.



40.0093, 45.8230, 52.6694



47.2877, 45.8230, 52.8068



40.9599, 45.8230, 42.6036

Square

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



47.2877, 45.8230, 52.8068



44.5591, 45.8230, 40.1968



40.0210, 45.8230, 47.0893



42.5629, 45.8230, 61.0361

Rectangle

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



47.2877, 45.8230, 52.8068



46.7269, 45.8230, 44.0095



40.0210, 45.8230, 47.0893



40.5269, 45.8230, 56.2798

Sweetspot

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



47.2890, 45.8250, 52.8078



91.0715, 93.3397, 103.5761



45.5805, 44.7906, 59.6699



19.3375, 19.7188, 21.9593



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.



47.2890, 45.8250, 52.8078



81.1102, 76.8056, 89.8097



46.0664, 45.3360, 46.3695



10.8513, 10.7239, 12.2002



16.6526, 8.4106, 8.6466



0.8251, 0.4129, 0.6020

Inverse Universe

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



47.2890, 45.8250, 52.8078



81.1102, 76.8056, 89.8097



47.8441, 53.4652, 61.2250



10.8513, 10.7239, 12.2002



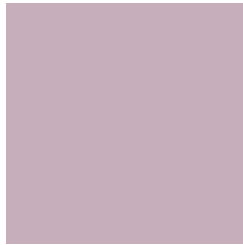
16.6526, 8.4106, 8.6466



0.8251, 0.4129, 0.6020

Previews

White Background



This preview shows how the XYZ color 47.2877, 45.8230, 52.8068 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 47.2877, 45.8230, 52.8068 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 47.2877, 45.8230, 52.8068

Background



This preview shows how black text looks on a background with the XYZ color 47.2877, 45.8230, 52.8068.



This preview shows how white text looks on a background with the XYZ color 47.2877, 45.8230,

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

47.2877, 45.8230, 52.8068

Protanopia

44.3615, 45.7381, 54.6343

Deuteranopia

46.6986, 45.8072, 52.8348



Tritanopia

47.3944, 45.8657, 53.3687

Trichromacy



Original Color

47.2877, 45.8230, 52.8068

Protanomaly

45.2928, 45.6399, 53.9992

Deuteranomaly

46.9578, 45.9409, 52.8469

Tritanomaly

47.3944, 45.8657, 53.3687

Monochromacy



Original Color

47.2877, 45.8230, 52.8068

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.7120, 46.7946, 51.9704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2877, 45.8230, 52.8068 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(198, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(198, 174, 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(198, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 174, 186) }
```

Border

The CSS property to change the border of an element to XYZ 47.2877, 45.8230, 52.8068 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(198, 174, 186) }
```


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

```
.border{ border-color:rgb(198, 174, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 174, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(198, 174,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2877, 45.8230, 52.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 174, 186) }
```

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

```
.background{ background-color: rgb(198,  
174, 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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