

Converting Colors

XYZ(47.0467, 47.2299, 49.5610)

Have a look what the booklet for
XYZ(47.0467, 47.2299, 49.5610)
contains.

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Color

**XYZ(47.1233, 47.2712,
49.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B3B4
RGB	196, 179, 180
RGB Percent	77%, 70%, 71%
CMY	0.2314, 0.2980, 0.2941
CMYK	0.00, 0.09, 0.08, 0.23
HSL	356°, 13%, 74%
HSV	356°, 9%, 77%
XYZ	47.1233, 47.2712, 49.8206
YIQ	184.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

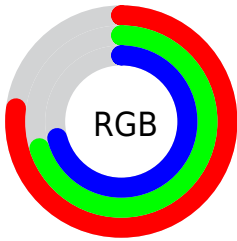
Format	Color
R_{YB}	196, 179, 180
Decimal	12891060
CIE Lab	74.36, 6.24, 1.68
CIE LCh	74, 6.461, 15.096
Yxy	47.2712, 0.3268, 0.3278
Android (android.graphics.Color)	4291081140 (0xFFC4B3B4)
YUV	184.1970, -2.0691, 10.3512
Hunter-Lab	68.7541, 2.0224, 5.1651

Details

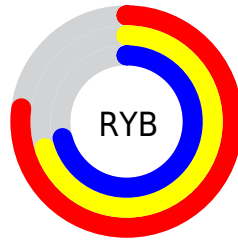
The XYZ color **47.1233, 47.2712, 49.8206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1825, 53.0050, 59.3239**, and the grayscale version is **45.6772, 48.0559, 52.3329**.

A 20% lighter version of the original color is **85.3567, 86.3554, 91.5264**, and **22.4469, 22.2048, 23.1815** is the 20% darker color. If you saturate the color by 10%, you get **41.7148, 39.2642, 39.3535**, and if you desaturate by 10%, it is **53.3431, 56.4992, 61.7938**.

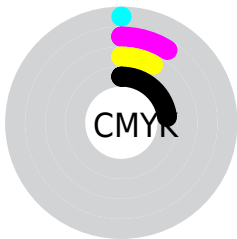
Distribution



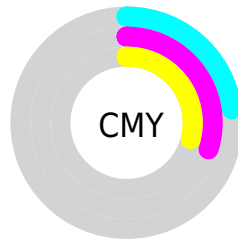
- Red (77%)
- Green (70%)
- Blue (71%)



- Red (77%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (23%)





- Cyan (23%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1233, 47.2712, 49.8206 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 47.1233, 47.2712, 49.8206 by changing the saturation by 10% instead.


 47.1233, 47.2712,
49.8206

 47.1233, 47.2712,
49.8206

365.9472,
375.8960, 402.6789

 33.3415, 33.2501,
34.9007


 85.1153, 86.1183,
91.3026

 22.5487, 22.3181,
23.3034

110.0561,
111.7131, 118.7017

 14.3795, 14.0908,
14.6103


139.4474,
141.9346, 151.0977

 8.4685, 8.1839,
8.4028

173.6544,
177.1671, 188.9091

 4.4505, 4.2128,
4.2623

213.0426,
217.7951, 232.5543

 1.9600, 1.7933,
1.7703

257.9772,

 0.6114, 0.4830,

264.2030, 282.4520

0.4083

308.8236,
316.7752, 339.0207

■ 0.0000, 0.0000,
0.0000

■ 47.1233, 47.2712,
49.8206

■ 47.1233, 47.2712,
49.8206

■ 41.7148, 39.2642,
39.3535

■ 53.3431, 56.4992,
61.7938

■ 37.0803, 32.4211,
30.3298

■ 60.4015, 66.9897,
75.3261

■ 33.1856, 26.6897,
22.6873

■ 68.3295, 78.7900,
90.4718

■ 29.9925, 22.0113,
16.3577

■ 76.3833, 90.3991,
107.0244

■ 27.4590, 18.3218,
11.2670

■ 76.5753, 90.4759,
108.0354

■ 25.5391, 15.5501,
7.3341

■ 24.1805, 13.6156,
4.4679

■ 23.3222, 12.4240,
2.5637

■ 22.8724, 11.8240,
1.4903

Harmonies

Analogous

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



47.1253, 47.2712, 53.1349



47.1233, 47.2712, 49.8206



46.5267, 47.2712, 47.0668

Triad

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



47.1233, 47.2712, 49.8206



43.3648, 47.2712, 47.0811



44.3572, 47.2712, 57.9095

Complementary

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



47.1233, 47.2712, 49.8206



48.1825, 53.0050, 59.3239

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.



43.3699, 47.2712, 56.1402



47.1233, 47.2712, 49.8206



42.8037, 47.2712, 49.8409

Square

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



47.1233, 47.2712, 49.8206



44.3501, 47.2712, 45.5322



42.8056, 47.2712, 53.1560



45.5147, 47.2712, 57.9034

Rectangle

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



47.1233, 47.2712, 49.8206



45.8780, 47.2712, 45.8781



42.8056, 47.2712, 53.1560



43.9949, 47.2712, 57.4994

Sweetspot

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



47.1246, 47.2733, 49.8216



91.5199, 94.7606, 102.1102



48.5566, 47.8121, 58.8948



19.3921, 19.9906, 21.4768



0.0000, 0.0000, 0.0000



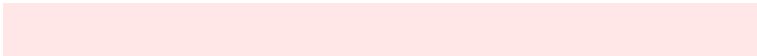
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1246, 47.2733, 49.8216



83.8210, 83.3450, 87.2673



48.5393, 50.2646, 49.7940



10.0966, 10.0873, 10.5993



14.6791, 7.5614, 0.9564



0.6427, 0.3301, 0.0857

Inverse Universe

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



47.1246, 47.2733, 49.8216



83.8210, 83.3450, 87.2673



46.6748, 49.8086, 59.3793



10.0966, 10.0873, 10.5993



14.6791, 7.5614, 0.9564



0.6427, 0.3301, 0.0857

Previews

White Background



This preview shows how the XYZ color 47.1233, 47.2712, 49.8206 looks on a white background.

Color Contrast Check

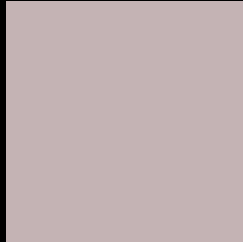
Large Text (above 18pt) WCAG AA × Fail

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 47.1233, 47.2712, 49.8206 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

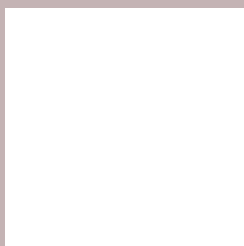
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1233, 47.2712, 49.8206

Background



This preview shows how black text looks on a background with the XYZ color 47.1233, 47.2712, 49.8206.



This preview shows how white text looks on a background with the XYZ color 47.1233, 47.2712,

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

47.1233, 47.2712, 49.8206

Protanopia

45.4211, 47.2724, 50.9865

Deuteranopia

48.0478, 47.1571, 49.7499



Tritanopia

48.4148, 47.2116, 55.8512

Trichromacy



Original Color

47.1233, 47.2712, 49.8206

Protanomaly

46.0996, 47.3311, 50.4222

Deuteranomaly

47.7118, 47.2782, 49.7909

Tritanomaly

47.9160, 47.2990, 53.6179

Monochromacy



Original Color

47.1233, 47.2712, 49.8206

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.0142, 47.5662, 51.5557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1233, 47.2712, 49.8206 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(196, 179, 180)` looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 180)  
}
```

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(196, 179, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 180) }
```

Border

The CSS property to change the border of an element to XYZ 47.1233, 47.2712, 49.8206 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(196, 179, 180) }
```


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

```
.border{ border-color:rgb(196, 179, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 179, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 180);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1233, 47.2712, 49.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 180) }
```

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

```
.background{ background-color: rgb(196,  
179, 180) }
```

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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