

Converting Colors

XYZ(47.2927, 48.6556, 52.0867)

Have a look what the booklet for
XYZ(47.2927, 48.6556, 52.0867)
contains.

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Color

**XYZ(47.3234, 48.5341,
52.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B7B8
RGB	192, 183, 184
RGB Percent	75%, 72%, 72%
CMY	0.2471, 0.2823, 0.2784
CMYK	0.00, 0.05, 0.04, 0.25
HSL	353°, 7%, 74%
HSV	353°, 5%, 75%
XYZ	47.3234, 48.5341, 52.2212
YIQ	185.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

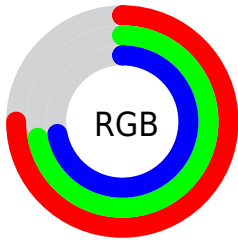
Format	Color
RYB	192, 183, 184
Decimal	12629944
CIELab	75.16, 3.36, 0.62
CIELCh	75, 3.416, 10.479
Yxy	48.5341, 0.3196, 0.3278
Android (android.graphics.Color)	4290820024 (0xFFC0B7B8)
YUV	185.8050, -0.8899, 5.4330
Hunter-Lab	69.6664, -0.6637, 4.3233

Details

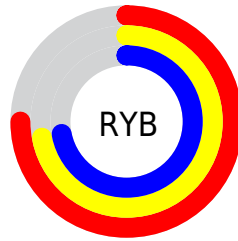
The XYZ color **47.3234, 48.5341, 52.2212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7838, 51.5293, 56.7204**, and the grayscale version is **46.5670, 48.9921, 53.3524**.

A 20% lighter version of the original color is **85.3061, 87.9807, 94.9239**, and **22.7268, 23.0929, 24.7323** is the 20% darker color. If you saturate the color by 10%, you get **41.9474, 40.4750, 42.1261**, and if you desaturate by 10%, it is **53.4584, 57.7643, 63.6362**.

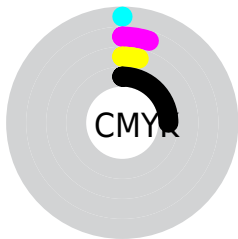
Distribution



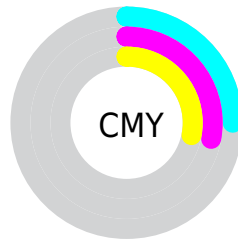
- Red (75%)
- Green (72%)
- Blue (72%)



- Red (75%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3234, 48.5341, 52.2212 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 47.3234, 48.5341, 52.2212 by changing the saturation by 10% instead.

■ 47.3234, 48.5341,
52.2212

■ 47.3234, 48.5341,
52.2212

366.7313,
380.9053, 412.2712

■ 33.5004, 34.2500,
36.7980

■ 85.4120, 87.9991,
94.8873

■ 22.6711, 23.0858,
24.7565

110.4082,
113.9488, 122.9672

■ 14.4702, 14.6568,
15.6784

139.8597,
144.5559, 156.1031

■ 8.5323, 8.5789,
9.1450

174.1316,
180.2047, 194.7135

■ 4.4921, 4.4676,
4.7378

213.5894,
221.2797, 239.2170

■ 1.9841, 1.9384,
2.0382

258.5983,

■ 0.6250, 0.5713,

268.1651, 290.0321

0.5786

309.5239,
321.2456, 347.5773

■ 0.0000, 0.0000,
0.0000

■ 47.3234, 48.5341,
52.2212

■ 47.3234, 48.5341,
52.2212

■ 41.9474, 40.4750,
42.1261

■ 53.4584, 57.7643,
63.6362

■ 37.2969, 33.5340,
33.3001

■ 60.3761, 68.2032,
76.4131

■ 33.3420, 27.6639,
25.6939

■ 68.1042, 79.8944,
90.5958

■ 30.0491, 22.8110,
19.2537

■ 75.1157, 89.7735,
105.7082

■ 27.3818, 18.9176,
13.9217

■ 75.5485, 89.9466,
107.9873

■ 25.3002, 15.9197,
9.6352

■ 23.7597, 13.7460,
6.3250

■ 22.7094, 12.3139,
3.9136

■ 22.0880, 11.5236,
2.3116

Harmonies

Analogous

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



47.2735, 48.5341, 54.0052



47.3234, 48.5341, 52.2212



47.0514, 48.5341, 50.6400

Triad

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



47.3234, 48.5341, 52.2212



45.3536, 48.5341, 50.2676



45.7293, 48.5341, 56.1599

Complementary

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



47.3234, 48.5341, 52.2212



47.7838, 51.5293, 56.7204

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.



45.2211, 48.5341, 55.1139



47.3234, 48.5341, 52.2212



45.0055, 48.5341, 51.7023

Square

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



47.3234, 48.5341, 52.2212



45.9117, 48.5341, 49.5291



44.9572, 48.5341, 53.4745



46.3494, 48.5341, 56.3065

Rectangle

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



47.3234, 48.5341, 52.2212



46.7256, 48.5341, 49.9034



44.9572, 48.5341, 53.4745



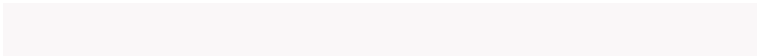
45.5399, 48.5341, 55.9007

Sweetspot

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



47.3248, 48.5362, 52.2222



89.6654, 93.8299, 101.9302



47.9226, 48.7447, 56.7526



19.2482, 20.1477, 21.8898



92.9021, 97.7402, 106.4391



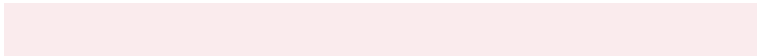
19.4759, 20.4902, 22.3138

Same Dimension

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



47.3248, 48.5362, 52.2222



84.2928, 85.7575, 91.8997



47.9407, 49.9348, 51.9139



10.4678, 10.6210, 11.3662



14.7350, 7.5838, 1.2508



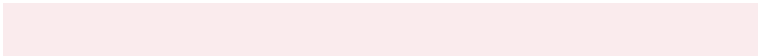
0.6521, 0.3339, 0.1355

Inverse Universe

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



47.3248, 48.5362, 52.2222



84.2928, 85.7575, 91.8997



47.1455, 50.0766, 57.0506



10.4678, 10.6210, 11.3662



14.7350, 7.5838, 1.2508



0.6521, 0.3339, 0.1355

Previews

White Background



This preview shows how the XYZ color 47.3234, 48.5341, 52.2212 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 47.3234, 48.5341, 52.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

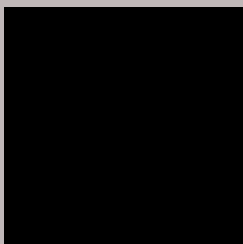
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

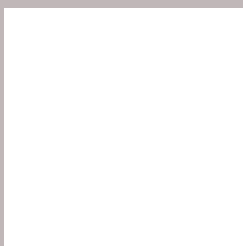
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3234, 48.5341, 52.2212

Background



This preview shows how black text looks on a background with the XYZ color 47.3234, 48.5341, 52.2212.

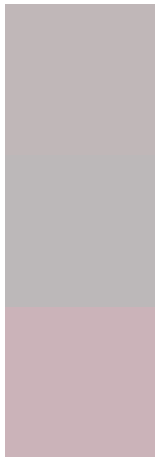


This preview shows how white text looks on a background with the XYZ color 47.3234, 48.5341,

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

47.3234, 48.5341, 52.2212

Protanopia

46.6365, 48.4751, 52.7976

Deuteranopia

49.5057, 48.4395, 52.6395



Tritanopia

48.6223, 48.4572, 58.4203

Trichromacy



Original Color

47.3234, 48.5341, 52.2212

Protanomaly

46.8837, 48.6026, 52.8091

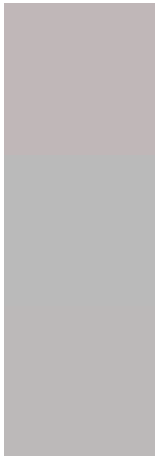
Deuteranomaly

48.6314, 48.2874, 52.6562

Tritanomaly

48.1242, 48.5549, 56.1258

Monochromacy



Original Color

47.3234, 48.5341, 52.2212

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8450, 48.8921, 52.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3234, 48.5341, 52.2212 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, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(192, 183, 184)  
}
```

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, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 183, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.3234, 48.5341, 52.2212 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, 183, 184) }
```


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

```
.border{ border-color:rgb(192, 183, 184) }
```

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

Here you see how a box with a 4 pixel rgb(192, 183, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(192, 183,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3234, 48.5341, 52.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 183, 184) }
```

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

```
.background{ background-color: rgb(192,  
183, 184) }
```

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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