

Converting Colors

XYZ(45.5162, 47.2241, 53.9647)

Have a look what the booklet for
XYZ(45.5162, 47.2241, 53.9647)
contains.

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Color

**XYZ(45.4648, 47.2341,
53.7346)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B6BB
RGB	184, 182, 187
RGB Percent	72%, 71%, 73%
CMY	0.2784, 0.2863, 0.2667
CMYK	0.02, 0.03, 0.00, 0.27
HSL	264°, 4%, 72%
HSV	264°, 3%, 73%
XYZ	45.4648, 47.2341, 53.7346
YIQ	183.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

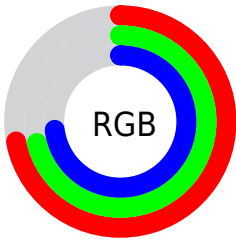
Format	Color
R_YB	184, 182, 187
Decimal	12105403
CIE Lab	74.34, 1.64, -2.29
CIE LCh	74, 2.820, 305.604
Yxy	47.2341, 0.3105, 0.3226
Android (android.graphics.Color)	4290295483 (0xFFB8B6BB)
YUV	183.1680, 1.8892, 0.7297
Hunter-Lab	68.7271, -2.1898, 1.7528

Details

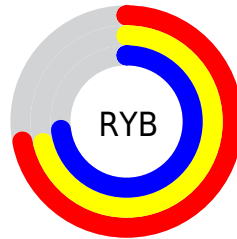
The XYZ color **45.4648, 47.2341, 53.7346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2232, 49.2336, 51.3251**, and the grayscale version is **45.0932, 47.4415, 51.6638**.

A 20% lighter version of the original color is **82.6874, 86.1454, 97.0637**, and **21.5134, 22.2470, 25.7145** is the 20% darker color. If you saturate the color by 10%, you get **39.3050, 38.7491, 52.4222**, and if you desaturate by 10%, it is **52.3522, 56.8560, 55.2295**.

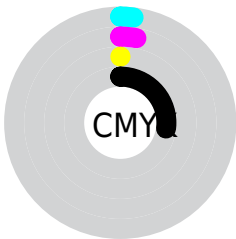
Distribution



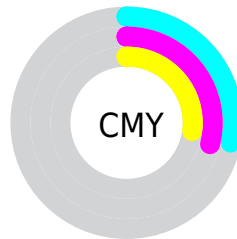
- Red (72%)
- Green (71%)
- Blue (73%)



- Red (72%)
- Yellow (71%)
- Blue (73%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (28%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4648, 47.2341, 53.7346 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 45.4648, 47.2341, 53.7346 by changing the saturation by 10% instead.

■ 45.4648, 47.2341,
53.7346

■ 45.4648, 47.2341,
53.7346

359.4049,
375.7482, 418.2431

■ 32.0265, 33.2208,
37.9978

■ 82.6502, 86.0630,
97.1369

■ 21.5374, 22.2956,
25.6792

107.1281,
111.6473, 125.6395

■ 13.6321, 14.0743,
16.3602

136.0165,
141.8573, 159.2344

■ 7.9452, 8.1723,
9.6223

169.6809,
177.0776, 198.3403

■ 4.1114, 4.2054,
5.0469

208.4866,
217.6924, 243.3755

■ 1.7654, 1.7891,
2.2156

252.7989,

■ 0.4967, 0.4804,

264.0862, 294.7587

0.6833

302.9832,
316.6433, 352.9084

■ 0.0000, 0.0000,
0.0000

■ 45.4648, 47.2341,
53.7346

■ 45.4648, 47.2341,
53.7346

■ 39.3050, 38.7491,
52.4222

■ 52.3522, 56.8560,
55.2295

■ 33.8437, 31.3522,
51.2823

■ 59.9868, 67.6492,
56.9104

■ 29.0556, 24.9998,
50.3085

■ 68.3927, 79.6541,
58.7846

■ 24.9124, 19.6432,
49.4930

■ 77.0130, 91.7505,
60.6651

■ 21.3836, 15.2295,
48.8270

■ 80.7099, 93.6564,
60.8381

■ 18.4361, 11.7010,
48.3013

■ 84.6428, 95.6838,
61.0221

■ 16.0331, 8.9933,
47.9053

■ 85.9698, 96.3679,
61.0842

■ 14.1330, 7.0326,
47.6270

■ 12.6871, 5.7315,
47.4521

Harmonies

Analogous

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



44.9899, 47.2341, 54.2602



45.4648, 47.2341, 53.7346



45.7887, 47.2341, 52.5923

Triad

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



45.4648, 47.2341, 53.7346



45.2987, 47.2341, 48.9278



43.9309, 47.2341, 51.7031

Complementary

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



45.4648, 47.2341, 53.7346



46.2232, 49.2336, 51.3251

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.



44.0122, 47.2341, 50.2848



45.4648, 47.2341, 53.7346



44.7994, 47.2341, 48.6998

Square

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



45.4648, 47.2341, 53.7346



45.6923, 47.2341, 49.8208



44.3292, 47.2341, 49.1921



44.1063, 47.2341, 53.0733

Rectangle

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



45.4648, 47.2341, 53.7346



45.8741, 47.2341, 51.6443



44.3292, 47.2341, 49.1921



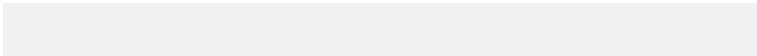
43.9291, 47.2341, 51.2161

Sweetspot

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



45.4662, 47.2361, 53.7356



83.3799, 87.3093, 96.6592



45.6291, 48.2674, 53.9261



18.3752, 19.2458, 21.2889



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.4662, 47.2361, 53.7356



80.9899, 83.9901, 96.1445



46.0501, 47.5372, 53.7630



10.1631, 10.5040, 12.1640



8.2421, 3.5350, 32.6408



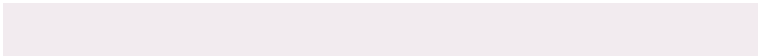
0.3969, 0.1767, 1.2820

Inverse Universe

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



45.9801, 47.5256, 52.6512



82.0382, 84.5806, 93.9309



45.6450, 48.9355, 51.2981



10.3258, 10.5956, 11.8201



16.1818, 8.1039, 11.5167



0.6653, 0.3300, 0.6169

Previews

White Background



This preview shows how the XYZ color 45.4648, 47.2341, 53.7346 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 45.4648, 47.2341, 53.7346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

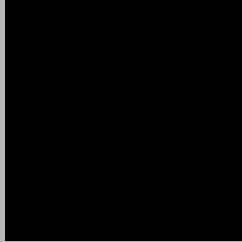
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4648, 47.2341, 53.7346

Background



This preview shows how black text looks on a background with the XYZ color 45.4648, 47.2341, 53.7346.



This preview shows how white text looks on a background with the XYZ color 45.4648, 47.2341,

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

45.4648, 47.2341, 53.7346

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

48.0879, 47.0809, 54.1300



Tritanopia

46.3818, 47.3022, 58.3154

Trichromacy



Original Color

45.4648, 47.2341, 53.7346

Protanomaly

45.7052, 47.3580, 53.7458

Deuteranomaly

47.1895, 47.2085, 54.2019

Tritanomaly

46.0459, 47.1678, 56.5466

Monochromacy



Original Color

45.4648, 47.2341, 53.7346

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.1137, 47.3949, 52.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4648, 47.2341, 53.7346 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(184, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 187)  
}
```

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(184, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.4648, 47.2341, 53.7346 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(184, 182, 187) }
```


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

```
.border{ border-color:rgb(184, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4648, 47.2341, 53.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 187) }
```

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

```
.background{ background-color: rgb(184,  
182, 187) }
```

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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