

Converting Colors

XYZ(45.4738, 45.0213, 58.0029)

Have a look what the booklet for
XYZ(45.4738, 45.0213, 58.0029)
contains.

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Color

**XYZ(45.4300, 45.0392,
57.9288)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAF33
RGB	186, 175, 195
RGB Percent	73%, 69%, 76%
CMY	0.2706, 0.3137, 0.2353
CMYK	0.05, 0.10, 0.00, 0.24
HSL	273°, 14%, 73%
HSV	273°, 10%, 76%
XYZ	45.4300, 45.0392, 57.9288
YIQ	180.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

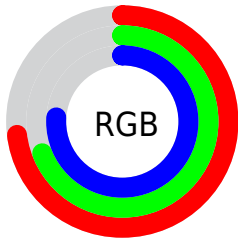
Format	Color
RYB	186, 175, 195
Decimal	12234691
CIELab	72.92, 7.67, -8.75
CIELCh	73, 11.638, 311.224
Yxy	45.0392, 0.3061, 0.3035
Android (android.graphics.Color)	4290424771 (0xFFBAAFC3)
YUV	180.5690, 7.1145, 4.7630
Hunter-Lab	67.1113, 3.3883, -4.1998

Details

The XYZ color **45.4300, 45.0392, 57.9288** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0218, 52.3169, 48.1796**, and the grayscale version is **43.6524, 45.9257, 50.0131**.

A 20% lighter version of the original color is **82.7646, 83.0573, 103.7650**, and **21.5635, 21.0756, 28.1308** is the 20% darker color. If you saturate the color by 10%, you get **39.8387, 36.9247, 56.6579**, and if you desaturate by 10%, it is **51.7030, 54.3212, 59.3905**.

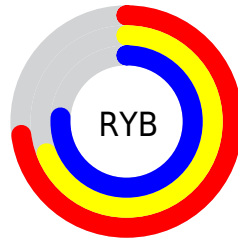
Distribution



Red (73%)

Green (69%)

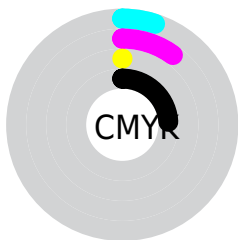
Blue (76%)



Red (73%)

Yellow (69%)

Blue (76%)

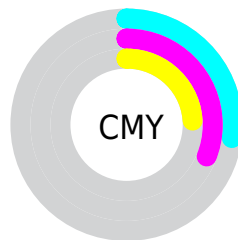


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4300, 45.0392, 57.9288 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 45.4300, 45.0392, 57.9288 by changing the saturation by 10% instead.

■ 45.4300, 45.0392,
57.9288

■ 45.4300, 45.0392,
57.9288

359.2668,
366.9323, 434.5114

■ 31.9990, 31.4883,
41.3371

■ 82.5984, 82.7792,
103.3329

■ 21.5163, 20.9710,
28.2609

107.0665,
107.7372, 132.9824

■ 13.6165, 13.1028,
18.2817

135.9443,
137.2662, 167.8216

■ 7.9343, 7.4994,
10.9809

169.5972,
171.7508, 208.2690

■ 4.1044, 3.7763,
5.9400

208.3905,
211.5753, 254.7431

■ 1.7614, 1.5492,
2.7404

252.6897,

■ 0.4942, 0.3230,

257.1241, 307.6625

0.9637

302.8600,
308.7817, 367.4458

■ 0.0000, 0.0000,
0.0000

■ 45.4300, 45.0392,
57.9288

■ 45.4300, 45.0392,
57.9288

■ 39.8387, 36.9247,
56.6579

■ 51.7030, 54.3212,
59.3905

■ 34.8994, 29.9239,
55.5670

■ 58.6779, 64.8101,
61.0474

■ 30.5859, 23.9874,
54.6484

■ 66.3792, 76.5504,
62.9076

■ 26.8688, 19.0597,
53.8932

■ 74.8285, 89.5827,
64.9778

■ 23.7157, 15.0801,
53.2913

■ 78.2060, 92.2638,
65.3173

■ 21.0909, 11.9812,
52.8315

■ 81.0921, 93.7516,
65.4523

■ 18.9542, 9.6863,
52.5011

■ 84.1220, 95.3136,
65.5941

■ 17.2581, 8.1048,
52.2852

■ 86.8505, 96.7202,
65.7218

■ 15.9426, 7.0808,
52.1569

Harmonies

Analogous

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



43.5719, 45.0392, 60.8305



45.4300, 45.0392, 57.9288



46.6076, 45.0392, 52.7233

Triad

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



45.4300, 45.0392, 57.9288



44.0759, 45.0392, 39.2080



39.0962, 45.0392, 51.2461

Complementary

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



45.4300, 45.0392, 57.9288



47.0218, 52.3169, 48.1796

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.



39.2215, 45.0392, 45.5324



45.4300, 45.0392, 57.9288



42.0539, 45.0392, 38.8809

Square

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



45.4300, 45.0392, 57.9288



45.8090, 45.0392, 42.0423



40.2897, 45.0392, 41.1105



39.9418, 45.0392, 56.7741

Rectangle

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



45.4300, 45.0392, 57.9288



46.8267, 45.0392, 48.8019



40.2897, 45.0392, 41.1105



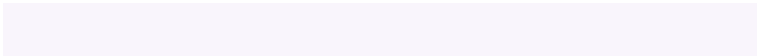
39.0269, 45.0392, 49.2789

Sweetspot

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



45.4313, 45.0411, 57.9298



89.3389, 92.4343, 105.6027



44.7411, 47.4755, 58.4360



19.3596, 19.9383, 23.0781



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.



45.4313, 45.0411, 57.9298



79.3393, 77.7010, 103.2859



47.6121, 46.1740, 57.6393



10.0459, 10.0148, 12.6884



10.4597, 4.6526, 33.9034



0.5304, 0.2415, 1.4685

Inverse Universe

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



46.4890, 45.7248, 51.7253



81.5806, 79.1490, 90.1747



44.9995, 51.2668, 48.4276



10.2574, 10.1516, 11.4460



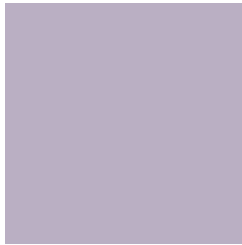
15.8071, 8.0126, 6.8962



0.7177, 0.3601, 0.4806

Previews

White Background



This preview shows how the XYZ color 45.4300, 45.0392, 57.9288 looks on a white background.

Color Contrast Check

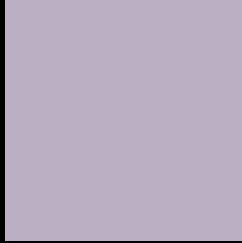
Large Text (above 18pt) WCAG AA × Fail

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 45.4300, 45.0392, 57.9288 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

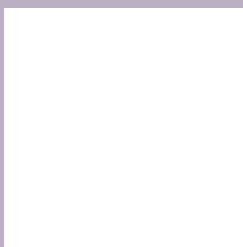
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4300, 45.0392, 57.9288

Background



This preview shows how black text looks on a background with the XYZ color 45.4300, 45.0392, 57.9288.



This preview shows how white text looks on a background with the XYZ color 45.4300, 45.0392,

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

45.4300, 45.0392, 57.9288

Protanopia

44.1299, 45.2191, 59.2256

Deuteranopia

45.9726, 45.0311, 57.8986



Tritanopia

44.8272, 45.0827, 55.0544

Trichromacy



Original Color

45.4300, 45.0392, 57.9288

Protanomaly

44.5083, 45.1331, 58.5903

Deuteranomaly

45.7254, 44.9036, 57.8870

Tritanomaly

45.0473, 45.1707, 56.2137

Monochromacy



Original Color

45.4300, 45.0392, 57.9288

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.5115, 45.8526, 52.9588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4300, 45.0392, 57.9288 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(186, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(186, 175, 195)  
}
```

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(186, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 195) }
```

Border

The CSS property to change the border of an element to XYZ 45.4300, 45.0392, 57.9288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

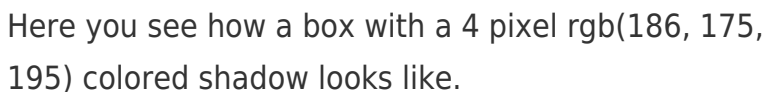
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 175, 195) }
```


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

```
.border{ border-color:rgb(186, 175, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 175, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 175, 195); box-shadow:4px 4px 4px 4px rgb(186, 175, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4300, 45.0392, 57.9288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 175, 195) }
```

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

```
.background{ background-color: rgb(186,  
175, 195) }
```

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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