

Converting Colors

XYZ(43.3151, 42.7828, 50.3467)

Have a look what the booklet for
XYZ(43.3151, 42.7828, 50.3467)
contains.

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Color

**XYZ(43.3117, 42.6916,
50.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAAB6
RGB	187, 170, 182
RGB Percent	73%, 67%, 71%
CMY	0.2667, 0.3333, 0.2863
CMYK	0.00, 0.09, 0.03, 0.27
HSL	318°, 11%, 70%
HSV	318°, 9%, 73%
XYZ	43.3117, 42.6916, 50.2135
YIQ	176.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

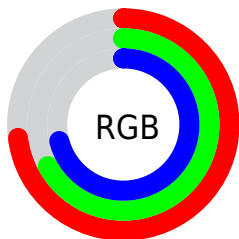
Format	Color
R_{YB}	187, 170, 182
Decimal	12298934
CIE Lab	71.35, 8.27, -3.92
CIE LCh	71, 9.158, 334.625
Yxy	42.6916, 0.3180, 0.3134
Android (android.graphics.Color)	4290489014 (0xFFBBAAB6)
YUV	176.4510, 2.7357, 9.2515
Hunter-Lab	65.3388, 3.9809, 0.1722

Details

The XYZ color **43.3117, 42.6916, 50.2135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0873, 47.1829, 47.4486**, and the grayscale version is **41.4871, 43.6477, 47.5323**.

A 20% lighter version of the original color is **79.3200, 79.0782, 91.9719**, and **20.2724, 19.6102, 23.4856** is the 20% darker color. If you saturate the color by 10%, you get **39.4955, 35.9506, 46.1918**, and if you desaturate by 10%, it is **47.6514, 50.4425, 54.5209**.

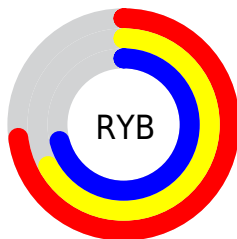
Distribution



Red (73%)

Green (67%)

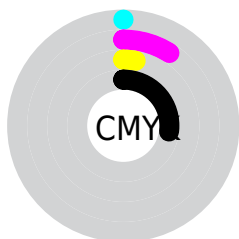
Blue (71%)



Red (73%)

Yellow (67%)

Blue (71%)

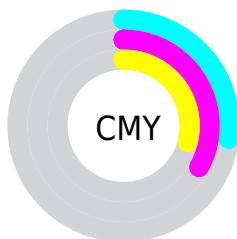


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3117, 42.6916, 50.2135 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 43.3117, 42.6916, 50.2135 by changing the saturation by 10% instead.

■ 43.3117, 42.6916,
50.2135

■ 43.3117, 42.6916,
50.2135

350.7919,
357.3419, 404.2592

■ 30.3253, 29.6432,
35.2107

■ 79.4338, 79.2453,
91.8907

■ 20.2350, 19.5679,
23.5404

103.3002,
103.5193, 119.4022

■ 12.6752, 12.0814,
14.7840

131.5241,
132.3041, 151.9203

■ 7.2807, 6.7991,
8.5230

164.4707,
165.9839, 189.8635

■ 3.6862, 3.3368,
4.3388

202.5054,
204.9432, 233.6505

■ 1.5262, 1.3100,
1.8130

245.9936,

■ 0.3435, 0.1489,

249.5664, 283.6998

0.4365

295.3007,
300.2378, 340.4298

■ 0.0000, 0.0000,
0.0000

■ 43.3117, 42.6916,
50.2135

■ 43.3117, 42.6916,
50.2135

■ 39.4955, 35.9506,
46.1918

■ 47.6514, 50.4425,
54.5209

■ 36.1778, 30.1720,
42.4447

■ 52.5307, 59.2373,
59.1192

■ 33.3373, 25.3127,
38.9643

■ 57.9699, 69.1151,
64.0166

■ 30.9493, 21.3241,
35.7412

■ 63.9868, 80.1115,
69.2205

■ 28.9872, 18.1532,
32.7651

■ 67.8252, 86.7135,
73.8132

■ 27.4214, 15.7411,
30.0249

■ 68.5204, 86.9916,
77.4743

■ 26.2182, 14.0210,
27.5079

■ 69.2394, 87.2792,
81.2606

■ 25.3381, 12.9144,
25.1995

■ 69.9825, 87.5764,
85.1734

■ 24.7109, 12.2814,
23.0750

■ 70.7497, 87.8833,
89.2137

Harmonies

Analogous

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



42.2829, 42.6916, 53.8172



43.3117, 42.6916, 50.2135



43.6006, 42.6916, 45.8034

Triad

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



43.3117, 42.6916, 50.2135



40.3388, 42.6916, 38.5333



38.1889, 42.6916, 51.4708

Complementary

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



43.3117, 42.6916, 50.2135



42.0873, 47.1829, 47.4486

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.



37.6967, 42.6916, 47.1711



43.3117, 42.6916, 50.2135



38.9177, 42.6916, 39.8490

Square

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



43.3117, 42.6916, 50.2135



41.8593, 42.6916, 39.2351



37.9601, 42.6916, 42.9437



39.3214, 42.6916, 54.5747

Rectangle

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



43.3117, 42.6916, 50.2135



43.3288, 42.6916, 43.0391



37.9601, 42.6916, 42.9437



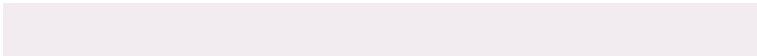
37.9444, 42.6916, 50.1078

Sweetspot

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



43.3129, 42.6935, 50.2144



82.1520, 84.6261, 94.5300



40.9841, 41.4321, 52.8514



17.9517, 18.3867, 20.6790



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.



43.3129, 42.6935, 50.2144



76.0684, 73.7940, 88.3864



42.4788, 42.3598, 45.8220



9.8071, 9.6471, 11.3732



17.0222, 8.4400, 15.9423



0.6941, 0.3415, 0.7682

Inverse Universe

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



43.3129, 42.6935, 50.2144



76.0684, 73.7940, 88.3864



42.9295, 47.5198, 51.8833



9.8071, 9.6471, 11.3732



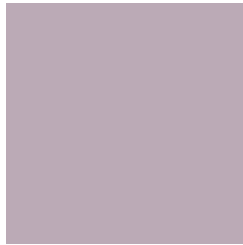
17.0222, 8.4400, 15.9423



0.6941, 0.3415, 0.7682

Previews

White Background



This preview shows how the XYZ color 43.3117, 42.6916, 50.2135 looks on a white background.

Color Contrast Check

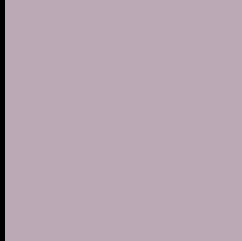
Large Text (above 18pt) WCAG AA × Fail

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 43.3117, 42.6916, 50.2135 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 43.3117, 42.6916, 50.2135

Background



This preview shows how black text looks on a background with the XYZ color 43.3117, 42.6916, 50.2135.



This preview shows how white text looks on a background with the XYZ color 43.3117, 42.6916,

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

43.3117, 42.6916, 50.2135

Protanopia

41.4670, 42.8468, 51.4321

Deuteranopia

43.5573, 42.8182, 50.2250



Tritanopia

43.4155, 42.7331, 50.7598

Trichromacy



Original Color

43.3117, 42.6916, 50.2135

Protanomaly

42.0812, 42.8897, 50.8604

Deuteranomaly

43.5573, 42.8182, 50.2250

Tritanomaly

43.4155, 42.7331, 50.7598

Monochromacy



Original Color

43.3117, 42.6916, 50.2135

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9943, 43.1898, 48.2426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3117, 42.6916, 50.2135 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(187, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 182)  
}
```

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(187, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.3117, 42.6916, 50.2135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

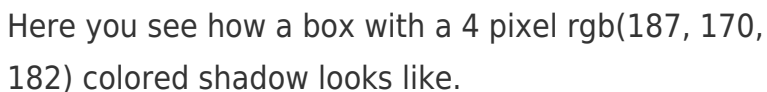
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 170, 182) }
```


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

```
.border{ border-color:rgb(187, 170, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3117, 42.6916, 50.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 182) }
```

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

```
.background{ background-color: rgb(187,  
170, 182) }
```

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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