

Converting Colors

XYZ(46.9420, 43.4004, 43.2741)

Have a look what the booklet for
XYZ(46.9420, 43.4004, 43.2741)
contains.

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Color

**XYZ(46.9111, 43.3301,
43.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A5A9
RGB	209, 165, 169
RGB Percent	82%, 65%, 66%
CMY	0.1804, 0.3529, 0.3373
CMYK	0.00, 0.21, 0.19, 0.18
HSL	355°, 32%, 73%
HSV	355°, 21%, 82%
XYZ	46.9111, 43.3301, 43.4272
YIQ	178.6120, 24.9400, 10.5720

Conversions

Conversions Part 2

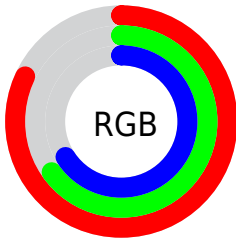
Format	Color
R _Y B	209, 165, 169
Decimal	13739433
CIE Lab	71.78, 16.78, 4.12
CIE LCh	72, 17.282, 13.803
Yxy	43.3301, 0.3510, 0.3242
Android (android.graphics.Color)	4291929513 (0xFFD1A5A9)
YUV	178.6120, -4.7387, 26.6503
Hunter-Lab	65.8256, 12.0145, 6.9625

Details

The XYZ color **46.9111, 43.3301, 43.4272** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3387, 58.0092, 66.3569**, and the grayscale version is **42.6574, 44.8789, 48.8731**.

A 20% lighter version of the original color is **80.2877, 77.8282, 81.3117**, and **22.4424, 19.9646, 19.5003** is the 20% darker color. If you saturate the color by 10%, you get **41.7889, 35.7357, 33.5492**, and if you desaturate by 10%, it is **52.9110, 52.2642, 54.8778**.

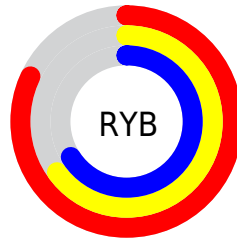
Distribution



Red (82%)

Green (65%)

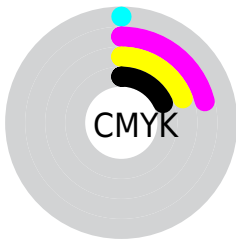
Blue (66%)



Red (82%)

Yellow (65%)

Blue (66%)

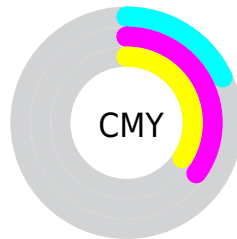


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9111, 43.3301, 43.4272 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 46.9111, 43.3301, 43.4272 by changing the saturation by 10% instead.


 46.9111, 43.3301,
43.4272

 46.9111, 43.3301,
43.4272


365.1144,
359.9675, 376.3384

 33.1730, 30.1442,
29.8866


 84.8005, 80.2088,
81.6484

 22.4189, 19.9481,
19.5012


 109.6825,
104.6703, 107.1660

 14.2834, 12.3573,
11.8525


139.0098,
133.6592, 137.5131

 8.4010, 6.9875,
6.5220

173.1479,
167.5598, 173.1081

 4.4066, 3.4543,
3.0911

212.4620,
206.7566, 214.3696

 1.9346, 1.3733,
1.1414

257.3176,

 0.5968, 0.1969,

251.6338, 261.7161

0.0000

308.0799,
302.5760, 315.5662

■ 0.0000, 0.0000,
0.0000

■ 46.9111, 43.3301,
43.4272

■ 46.9111, 43.3301,
43.4272

■ 41.7889, 35.7357,
33.5492

■ 52.9110, 52.2642,
54.8778

■ 37.4997, 29.4108,
25.1724

■ 59.8234, 62.5919,
67.9628

■ 34.0005, 24.2879,
18.2242

■ 67.6854, 74.3715,
82.7436

■ 31.2429, 20.2908,
12.6245

■ 76.5311, 87.6560,
99.2781

■ 29.1729, 17.3346,
8.2857

■ 80.1047, 92.2954,
108.2006

■ 27.7296, 15.3222,
5.1093

■ 26.8409, 14.1385,
2.9826

■ 26.4121, 13.6024,
1.8489

Harmonies

Analogous

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



46.8446, 43.3301, 51.8326



46.9111, 43.3301, 43.4272



45.3927, 43.3301, 36.8529

Triad

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



46.9111, 43.3301, 43.4272



37.3999, 43.3301, 36.4493



39.6297, 43.3301, 64.4641

Complementary

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



46.9111, 43.3301, 43.4272



49.3387, 58.0092, 66.3569

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.



37.2438, 43.3301, 59.2739



46.9111, 43.3301, 43.4272



35.9988, 43.3301, 42.8128

Square

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



46.9111, 43.3301, 43.4272



39.8522, 43.3301, 33.1597



35.9430, 43.3301, 51.1411



42.5451, 43.3301, 64.6796

Rectangle

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



46.9111, 43.3301, 43.4272



43.7259, 43.3301, 34.1122



35.9430, 43.3301, 51.1411



38.7425, 43.3301, 63.2179

Sweetspot

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



46.9123, 43.3321, 43.4281



88.2024, 89.7599, 95.9660



50.0317, 44.4380, 66.2626



18.7264, 18.9844, 20.2518



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.



46.9123, 43.3321, 43.4281



70.0081, 62.6638, 61.2533



49.9385, 49.9758, 42.6139



11.8517, 11.8254, 12.4950



16.3007, 8.3931, 1.2236



0.9268, 0.4754, 0.1493

Inverse Universe

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



46.9123, 43.3321, 43.4281



70.0081, 62.6638, 61.2533



45.7455, 50.0407, 67.5699



11.8517, 11.8254, 12.4950



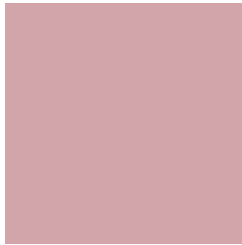
16.3007, 8.3931, 1.2236



0.9268, 0.4754, 0.1493

Previews

White Background



This preview shows how the XYZ color 46.9111, 43.3301, 43.4272 looks on a white background.

Color Contrast Check

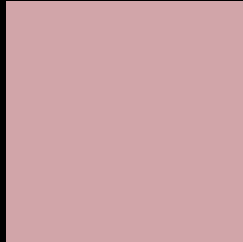
Large Text (above 18pt) WCAG AA × Fail

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 46.9111, 43.3301, 43.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

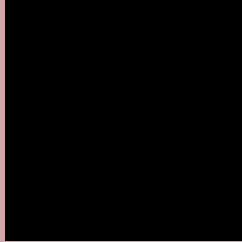
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9111, 43.3301, 43.4272

Background



This preview shows how black text looks on a background with the XYZ color 46.9111, 43.3301, 43.4272.



This preview shows how white text looks on a background with the XYZ color 46.9111, 43.3301,

43.4272.

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

46.9111, 43.3301, 43.4272

Protanopia

41.6582, 43.3388, 46.7270

Deuteranopia

44.2076, 43.3124, 43.0759



Tritanopia

47.7896, 43.4269, 47.4584

Trichromacy



Original Color

46.9111, 43.3301, 43.4272

Protanomaly

43.3409, 43.0901, 45.5681

Deuteranomaly

45.1579, 43.2499, 43.0138

Tritanomaly

47.4938, 43.3085, 45.9006

Monochromacy



Original Color

46.9111, 43.3301, 43.4272

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.1091, 44.3144, 46.7862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9111, 43.3301, 43.4272 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(209, 165, 169)` looks like.

```
.text, #text, p{  
    color:rgb(209, 165, 169)  
}
```

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(209, 165, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 165, 169) }
```

Border

The CSS property to change the border of an element to XYZ 46.9111, 43.3301, 43.4272 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(209, 165, 169) }
```


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

```
.border{ border-color:rgb(209, 165, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 165, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 165, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 165, 169);  
box-shadow:4px 4px 4px 4px rgb(209, 165,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9111, 43.3301, 43.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 165, 169) }
```

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

```
.background{ background-color: rgb(209,  
165, 169) }
```

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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