

Converting Colors

XYZ(45.3283, 43.0630, 40.6642)

Have a look what the booklet for
XYZ(45.3283, 43.0630, 40.6642)
contains.

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Color

**XYZ(45.3314, 43.1191,
40.5839)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA7A3
RGB	204, 167, 163
RGB Percent	80%, 65%, 64%
CMY	0.2000, 0.3451, 0.3608
CMYK	0.00, 0.18, 0.20, 0.20
HSL	6°, 29%, 72%
HSV	6°, 20%, 80%
XYZ	45.3314, 43.1191, 40.5839
YIQ	177.6070, 23.3360, 6.6000

Conversions

Conversions Part 2

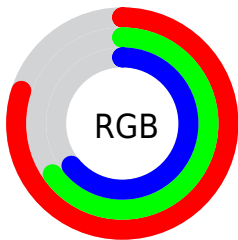
Format	Color
RYB	204, 167, 163
Decimal	13412259
CIELab	71.64, 12.91, 7.16
CIELCh	72, 14.766, 29.019
Yxy	43.1191, 0.3513, 0.3342
Android (android.graphics.Color)	4291602339 (0xFFCCA7A3)
YUV	177.6070, -7.2013, 23.1467
Hunter-Lab	65.6651, 8.3121, 9.3218

Details

The XYZ color **45.3314, 43.1191, 40.5839** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6572, 53.4534, 64.9856**, and the grayscale version is **42.1385, 44.3329, 48.2786**.

A 20% lighter version of the original color is **80.0162, 78.5645, 77.2768**, and **21.3944, 19.7987, 17.7329** is the 20% darker color. If you saturate the color by 10%, you get **40.5135, 36.1761, 30.6758**, and if you desaturate by 10%, it is **50.9265, 51.1440, 52.2067**.

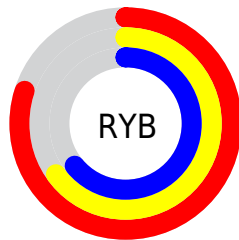
Distribution



Red (80%)

Green (65%)

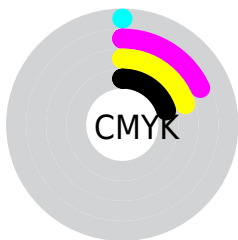
Blue (64%)



Red (80%)

Yellow (65%)

Blue (64%)

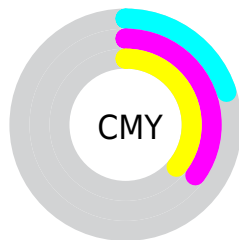


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (20%)



Cyan (20%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3314, 43.1191, 40.5839 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 45.3314, 43.1191, 40.5839 by changing the saturation by 10% instead.


 45.3314, 43.1191,
40.5839


 45.3314, 43.1191,
40.5839


358.8752,
359.1013, 364.2035

 31.9209, 29.9786,
27.6769

 82.4515, 79.8906,
77.2986

 21.4564, 19.8223,
17.8453


 106.8918,
104.2903, 101.9434

 13.5724, 12.2660,
10.6707


135.7395,
133.2118, 131.3378

 7.9035, 6.9251,
5.7345

169.3598,
167.0397, 165.9004

 4.0846, 3.4153,
2.6181

208.1182,
206.1581, 206.0497

 1.7501, 1.3522,
0.9018

252.3800,

 0.4873, 0.1811,

250.9516, 252.2043

0.0000

302.5106,
301.8046, 304.7828

0.0000, 0.0000,
0.0000

45.3314, 43.1191,
40.5839

45.3314, 43.1191,
40.5839

40.5135, 36.1761,
30.6758

50.9265, 51.1440,
52.2067

36.4351, 30.2632,
22.3988

57.3275, 60.2881,
65.6172

33.0605, 25.3329,
15.6660

64.5659, 70.5943,
80.8873

30.3495, 21.3319,
10.3815

72.6705, 82.1014,
98.0845

28.2580, 18.2018,
6.4389

78.7120, 91.5775,
108.1354

■ 26.7366, 15.8774,
3.7170

■ 25.7280, 14.2845,
2.0724

■ 25.1508, 13.3350,
1.2483

Harmonies

Analogous

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



45.9790, 43.1191, 47.1854



45.3314, 43.1191, 40.5839



43.5075, 43.1191, 36.1099

Triad

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



45.3314, 43.1191, 40.5839



36.9995, 43.1191, 40.2146



40.9012, 43.1191, 62.1000

Complementary

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



45.3314, 43.1191, 40.5839



46.6572, 53.4534, 64.9856

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.



38.5589, 43.1191, 59.7662



45.3314, 43.1191, 40.5839



36.3634, 43.1191, 46.7141

Square

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



45.3314, 43.1191, 40.5839



38.6959, 43.1191, 35.9124



36.9227, 43.1191, 53.9479



43.3593, 43.1191, 60.0434

Rectangle

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



45.3314, 43.1191, 40.5839



41.9057, 43.1191, 34.6920



36.9227, 43.1191, 53.9479



40.0747, 43.1191, 61.7993

Sweetspot

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



45.3326, 43.1211, 40.5848



88.4364, 90.5590, 95.0231



48.4931, 43.2297, 60.7904



18.7815, 19.1724, 20.0300



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.



45.3326, 43.1211, 40.5848



71.5577, 66.3511, 59.9568



49.2658, 50.9875, 41.8959



11.2990, 11.3869, 11.6818



15.8616, 8.4561, 0.7962



0.8491, 0.4979, 0.0514

Inverse Universe

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



46.6572, 53.4534, 64.9856



74.1298, 86.4289, 107.3831



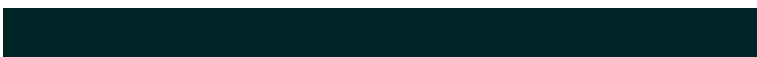
42.3419, 44.8229, 63.5471



11.4460, 12.5325, 14.3861



17.6969, 24.4178, 39.7367



0.9408, 1.3153, 2.0592

Previews

White Background



This preview shows how the XYZ color 45.3314, 43.1191, 40.5839 looks on a white background.

Color Contrast Check

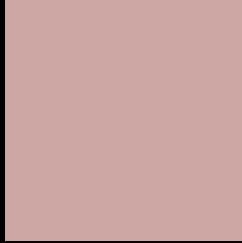
Large Text (above 18pt) WCAG AA × Fail

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 45.3314, 43.1191, 40.5839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

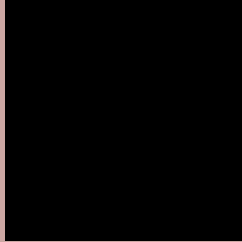
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3314, 43.1191, 40.5839

Background



This preview shows how black text looks on a background with the XYZ color 45.3314, 43.1191, 40.5839.



This preview shows how white text looks on a background with the XYZ color 45.3314, 43.1191,

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

45.3314, 43.1191, 40.5839

Protanopia

41.3611, 43.2737, 42.7319

Deuteranopia

44.2743, 43.3996, 40.6938



Tritanopia

46.9446, 43.2464, 47.9926

Trichromacy



Original Color

45.3314, 43.1191, 40.5839

Protanomaly

42.6217, 43.0770, 42.1447

Deuteranomaly

44.6182, 43.2996, 40.6564

Tritanomaly

46.3559, 43.2687, 45.4436

Monochromacy



Original Color

45.3314, 43.1191, 40.5839

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.1724, 43.8540, 45.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3314, 43.1191, 40.5839 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(204, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 163)  
}
```

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(204, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 163) }
```

Border

The CSS property to change the border of an element to XYZ 45.3314, 43.1191, 40.5839 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(204, 167, 163) }
```


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

```
.border{ border-color:rgb(204, 167, 163) }
```

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

Here you see how a box with a 4 pixel rgb(204, 167, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3314, 43.1191, 40.5839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 163) }
```

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

```
.background{ background-color: rgb(204,  
167, 163) }
```

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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