

Converting Colors

XYZ(45.0971, 45.5885, 39.1853)

Have a look what the booklet for
XYZ(45.0971, 45.5885, 39.1853)
contains.

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Color

**XYZ(45.0720, 45.5596,
39.2192)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B09F
RGB	198, 176, 159
RGB Percent	78%, 69%, 62%
CMY	0.2235, 0.3098, 0.3765
CMYK	0.00, 0.11, 0.20, 0.22
HSL	26°, 25%, 70%
HSV	26°, 20%, 78%
XYZ	45.0720, 45.5596, 39.2192
YIQ	180.6400, 18.5690, -0.6230

Conversions

Conversions Part 2

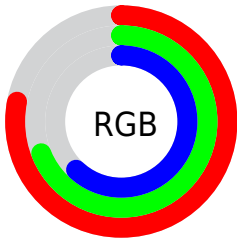
Format	Color
R _Y B	198, 189, 159
Decimal	13021343
CIE Lab	73.26, 5.17, 11.59
CIE LCh	73, 12.693, 65.969
Yxy	45.5596, 0.3471, 0.3509
Android (android.graphics.Color)	4291211423 (0xFFC6B09F)
YUV	180.6400, -10.6685, 15.2247
Hunter-Lab	67.4979, 1.0730, 12.7984

Details

The XYZ color **45.0720, 45.5596, 39.2192** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0147, 44.4948, 59.8530**, and the grayscale version is **43.7763, 46.0561, 50.1551**.

A 20% lighter version of the original color is **82.2342, 83.8283, 75.4646**, and **21.4160, 21.4273, 17.1945** is the 20% darker color. If you saturate the color by 10%, you get **41.3896, 40.7275, 30.1830**, and if you desaturate by 10%, it is **49.2123, 50.8662, 49.7670**.

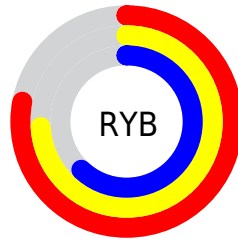
Distribution



Red (78%)

Green (69%)

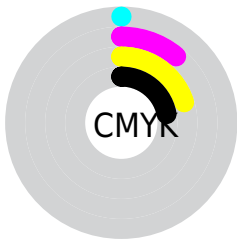
Blue (62%)



Red (78%)

Yellow (74%)

Blue (62%)

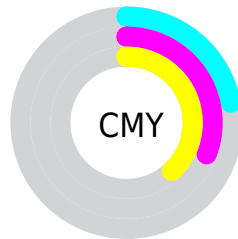


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0720, 45.5596, 39.2192 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 45.0720, 45.5596, 39.2192 by changing the saturation by 10% instead.


 45.0720, 45.5596,
39.2192


 45.0720, 45.5596,
39.2192


357.8439,
369.0353, 358.2753

 31.7157, 31.8984,
26.6212


 82.0648, 83.5595,
75.1971

 21.2989, 21.2839,
17.0590


 106.4321,
108.6671, 99.4140

 13.4564, 13.3317,
10.1142


135.2003,
138.3588, 128.3410

 7.8227, 7.6574,
5.3681

168.7349,
173.0193, 162.3965

 4.0326, 3.8765,
2.4023

207.4012,
213.0327, 201.9992

 1.7206, 1.6047,
0.7877

251.5645,

 0.4691, 0.3608,

258.7836, 247.5675

0.0000

301.5903,
310.6563, 299.5200

■ 0.0000, 0.0000,
0.0000

■ 45.0720, 45.5596,
39.2192

■ 45.0720, 45.5596,
39.2192

■ 41.3896, 40.7275,
30.1830

■ 49.2123, 50.8662,
49.7670

■ 38.1440, 36.3499,
22.5852

■ 53.8231, 56.6543,
61.8891

■ 35.3178, 32.4143,
16.3508

■ 58.9213, 62.9388,
75.6483

■ 32.8909, 28.9050,
11.3966

■ 64.5215, 69.7316,
91.1031

■ 30.8412, 25.8056,
7.6306

■ 70.1507, 76.8497,
105.7439

■ 29.1440, 23.0980,
4.9478

■ 73.3919, 83.3320,
106.8243

■ 27.7709, 20.7621,
3.2245

■ 76.8364, 90.2210,
107.9724

■ 26.6734, 18.7697,
2.2343

■ 77.0988, 90.7458,
108.0599

■ 26.6428, 18.7139,
2.2079

Harmonies

Analogous

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



46.8653, 45.5596, 42.7408



45.0720, 45.5596, 39.2192



42.8589, 45.5596, 38.3726

Triad

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



45.0720, 45.5596, 39.2192



39.1786, 45.5596, 50.8940



45.8695, 45.5596, 60.2190

Complementary

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



45.0720, 45.5596, 39.2192



41.0147, 44.4948, 59.8530

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.



43.7502, 45.5596, 62.8437



45.0720, 45.5596, 39.2192



39.9260, 45.5596, 57.1710

Square

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



45.0720, 45.5596, 39.2192



39.5053, 45.5596, 44.7740



41.5810, 45.5596, 61.6832



47.3366, 45.5596, 54.7752

Rectangle

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



45.0720, 45.5596, 39.2192



41.4533, 45.5596, 39.3693



41.5810, 45.5596, 61.6832



45.2070, 45.5596, 61.4806

Sweetspot

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



45.0732, 45.5616, 39.2202



89.9923, 93.6708, 95.5418



44.0380, 40.1429, 49.1976



19.1483, 19.9061, 20.1523



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.



45.0732, 45.5616, 39.2202



76.6753, 76.5864, 61.6627



49.1519, 53.7190, 40.5797



11.0079, 11.3850, 11.1801



17.4083, 12.3339, 1.4632



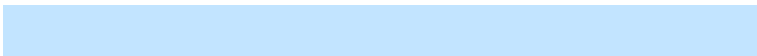
0.8960, 0.7275, 0.0932

Inverse Universe

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



41.0147, 44.4948, 59.8530



68.0775, 74.3242, 105.3657



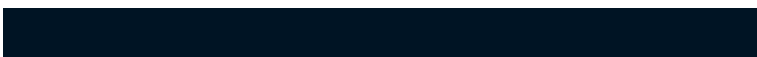
37.3416, 37.1487, 58.6286



10.5447, 11.2634, 13.5358



10.4598, 10.3136, 36.1838



0.5664, 0.6306, 1.7370

Previews

White Background



This preview shows how the XYZ color 45.0720, 45.5596, 39.2192 looks on a white background.

Color Contrast Check

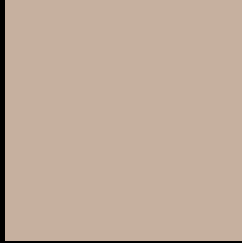
Large Text (above 18pt) WCAG AA × Fail

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 45.0720, 45.5596, 39.2192 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

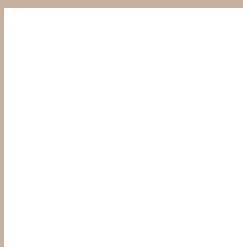
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0720, 45.5596, 39.2192

Background



This preview shows how black text looks on a background with the XYZ color 45.0720, 45.5596, 39.2192.



This preview shows how white text looks on a background with the XYZ color 45.0720, 45.5596,

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

45.0720, 45.5596, 39.2192

Protanopia

43.2922, 45.5048, 40.2198

Deuteranopia

46.4656, 45.4043, 39.5726



Tritanopia

47.7028, 45.4677, 52.7163

Trichromacy



Original Color

45.0720, 45.5596, 39.2192

Protanomaly

44.0038, 45.5853, 39.7373

Deuteranomaly

45.8383, 45.3667, 39.5984

Tritanomaly

46.5995, 45.3011, 47.3622

Monochromacy



Original Color

45.0720, 45.5596, 39.2192

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.1564, 45.8221, 46.0524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0720, 45.5596, 39.2192 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(198, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 159)  
}
```

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(198, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 159) }
```

Border

The CSS property to change the border of an element to XYZ 45.0720, 45.5596, 39.2192 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(198, 176, 159) }
```


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

```
.border{ border-color:rgb(198, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0720, 45.5596, 39.2192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 159) }
```

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

```
.background{ background-color: rgb(198,  
176, 159) }
```

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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