

Converting Colors

XYZ(45.6398, 45.6852, 39.4114)

Have a look what the booklet for
XYZ(45.6398, 45.6852, 39.4114)
contains.

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Color

**XYZ(45.4074, 45.4425,
39.1789)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AF9F
RGB	200, 175, 159
RGB Percent	78%, 69%, 62%
CMY	0.2157, 0.3137, 0.3765
CMYK	0.00, 0.12, 0.20, 0.22
HSL	23°, 27%, 70%
HSV	23°, 20%, 78%
XYZ	45.4074, 45.4425, 39.1789
YIQ	180.6510, 20.0360, 0.3240

Conversions

Conversions Part 2

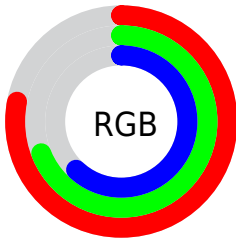
Format	Color
R _{YB}	200, 185, 159
Decimal	13152159
CIE Lab	73.18, 6.46, 11.51
CIE LCh	73, 13.201, 60.682
Yxy	45.4425, 0.3492, 0.3495
Android (android.graphics.Color)	4291342239 (0xFFC8AF9F)
YUV	180.6510, -10.6739, 16.9691
Hunter-Lab	67.4111, 2.2664, 12.7287

Details

The XYZ color **45.4074, 45.4425, 39.1789** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.8636, 45.8209, 61.2818**, and the grayscale version is **43.7818, 46.0618, 50.1613**.

A 20% lighter version of the original color is **81.9535, 83.2669, 75.3710**, and **21.6438, 21.3596, 17.1694** is the 20% darker color. If you saturate the color by 10%, you get **41.5436, 40.2711, 30.0101**, and if you desaturate by 10%, it is **49.7688, 51.1590, 49.9001**.

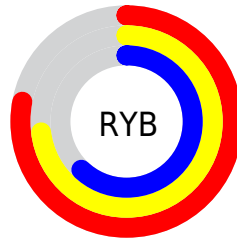
Distribution



Red (78%)

Green (69%)

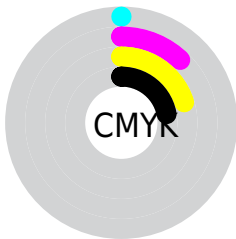
Blue (62%)



Red (78%)

Yellow (73%)

Blue (62%)

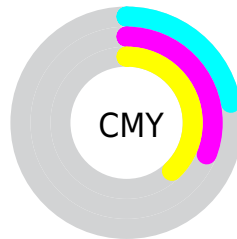


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4074, 45.4425, 39.1789 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 45.4074, 45.4425, 39.1789 by changing the saturation by 10% instead.


 45.4074, 45.4425,
39.1789

 45.4074, 45.4425,
39.1789


359.1770,
368.5628, 358.0991

 31.9811, 31.8061,
26.5900


 82.5647, 83.3840,
75.1349

 21.5025, 21.2134,
17.0359


 107.0265,
108.4580, 99.3391

 13.6064, 13.2801,
10.0978


135.8974,
138.1132, 128.2521

 7.9273, 7.6217,
5.3574

169.5428,
172.7341, 162.2926

 4.0999, 3.8539,
2.3961

208.3281,
212.7052, 201.8790

 1.7588, 1.5922,
0.7843

252.6187,

 0.4926, 0.3523,

258.4107, 247.4298

0.0000

302.7799,
310.2351, 299.3637

■ 0.0000, 0.0000,
0.0000

■ 45.4074, 45.4425,
39.1789

■ 45.4074, 45.4425,
39.1789

■ 41.5436, 40.2711,
30.0101

■ 49.7688, 51.1590,
49.9001

■ 38.1547, 35.6220,
22.3179

■ 54.6421, 57.4302,
62.2389

■ 35.2214, 31.4795,
16.0244

■ 60.0457, 64.2735,
76.2601

■ 32.7214, 27.8251,
11.0435

■ 65.9958, 71.7035,
92.0243

■ 30.6307, 24.6386,
7.2791

■ 71.8567, 79.4737,
106.1604

■ 28.9220, 21.8983,
4.6220

■ 75.4875, 86.7353,
107.3707

■ 27.5640, 19.5803,
2.9427

■ 77.6296, 91.0194,
108.0847

■ 26.5488, 17.7379,
2.0245

Harmonies

Analogous

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



47.1326, 45.4425, 43.2572



45.4074, 45.4425, 39.1789



43.1388, 45.4425, 37.7991

Triad

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



45.4074, 45.4425, 39.1789



38.8934, 45.4425, 49.6309



45.5023, 45.4425, 61.2679

Complementary

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



45.4074, 45.4425, 39.1789



41.8636, 45.8209, 61.2818

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.



43.2447, 45.4425, 63.3470



45.4074, 45.4425, 39.1789



39.4769, 45.4425, 56.2708

Square

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



45.4074, 45.4425, 39.1789



39.4270, 45.4425, 43.4978



41.0493, 45.4425, 61.4429



47.1888, 45.4425, 55.9851

Rectangle

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



45.4074, 45.4425, 39.1789



41.6392, 45.4425, 38.4888



41.0493, 45.4425, 61.4429



44.7824, 45.4425, 62.3846

Sweetspot

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



45.4086, 45.4446, 39.1799



89.7798, 93.2457, 95.4709



44.8995, 40.5488, 50.9640



19.0981, 19.8057, 20.1356



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.



45.4086, 45.4446, 39.1799



75.2618, 74.2131, 59.7924



49.6415, 53.9104, 40.5908



10.9678, 11.3047, 11.1667



16.9620, 11.4411, 1.3144



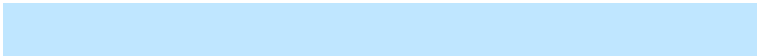
0.8733, 0.6820, 0.0856

Inverse Universe

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



41.8636, 45.8209, 61.2818



67.9278, 74.9869, 105.5015



37.9607, 38.0151, 59.9808



10.5857, 11.3455, 13.5495



11.1378, 11.6696, 36.4098



0.5963, 0.6904, 1.7470

Previews

White Background



This preview shows how the XYZ color 45.4074, 45.4425, 39.1789 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 45.4074, 45.4425, 39.1789 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 45.4074, 45.4425, 39.1789

Background



This preview shows how black text looks on a background with the XYZ color 45.4074, 45.4425, 39.1789.



This preview shows how white text looks on a background with the XYZ color 45.4074, 45.4425,

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

45.4074, 45.4425, 39.1789

Protanopia

43.0466, 45.3782, 40.2083

Deuteranopia

46.3784, 45.3695, 39.1137



Tritanopia

47.9485, 45.3251, 52.1204

Trichromacy



Original Color

45.4074, 45.4425, 39.1789

Protanomaly

44.0038, 45.5853, 39.7373

Deuteranomaly

46.0227, 45.4718, 39.1522

Tritanomaly

46.9461, 45.1962, 47.3237

Monochromacy



Original Color

45.4074, 45.4425, 39.1789

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4020, 45.9487, 46.0639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4074, 45.4425, 39.1789 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(200, 175, 159)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 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(200, 175, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 159) }
```

Border

The CSS property to change the border of an element to XYZ 45.4074, 45.4425, 39.1789 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(200, 175, 159) }
```


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

```
.border{ border-color:rgb(200, 175, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 159);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4074, 45.4425, 39.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 159) }
```

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

```
.background{ background-color: rgb(200,  
175, 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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