

Converting Colors

XYZ(44.5119, 40.7494, 44.3692)

Have a look what the booklet for
XYZ(44.5119, 40.7494, 44.3692)
contains.

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Color

**XYZ(44.6458, 40.8167,
44.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA0AC
RGB	203, 160, 172
RGB Percent	80%, 63%, 67%
CMY	0.2039, 0.3725, 0.3255
CMYK	0.00, 0.21, 0.15, 0.20
HSL	343°, 29%, 71%
HSV	343°, 21%, 80%
XYZ	44.6458, 40.8167, 44.5550
YIQ	174.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

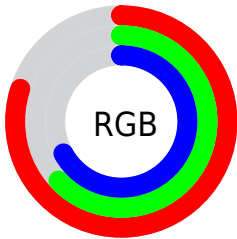
Format	Color
RYB	203, 160, 172
Decimal	13344940
CIELab	70.05, 17.78, -0.13
CIElCh	70, 17.780, 359.597
Yxy	40.8167, 0.3434, 0.3139
Android (android.graphics.Color)	4291535020 (0xFFCBA0AC)
YUV	174.2250, -1.0969, 25.2357
Hunter-Lab	63.8879, 12.9344, 3.3731

Details

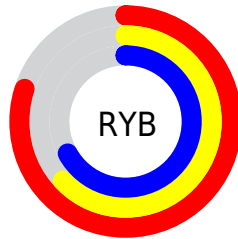
The XYZ color **44.6458, 40.8167, 44.5550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2588, 53.9481, 57.3205**, and the grayscale version is **40.3463, 42.4475, 46.2253**.

A 20% lighter version of the original color is **79.4056, 75.4069, 83.0429**, and **20.9655, 18.3771, 20.2114** is the 20% darker color. If you saturate the color by 10%, you get **40.0808, 33.8135, 36.4760**, and if you desaturate by 10%, it is **49.9425, 49.0348, 53.6428**.

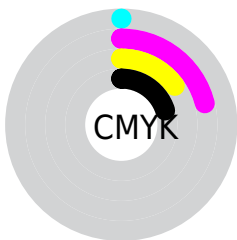
Distribution



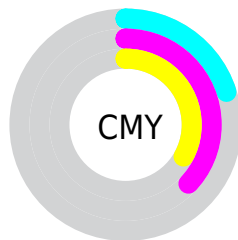
- Red (80%)
- Green (63%)
- Blue (67%)



- Red (80%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (20%)





- Cyan (20%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6458, 40.8167, 44.5550 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 44.6458, 40.8167, 44.5550 by changing the saturation by 10% instead.


 44.6458, 40.8167,
44.5550


 44.6458, 40.8167,
44.5550


356.1450,
349.5539, 381.0757

 31.3786, 28.1759,
30.7667


 81.4290, 76.4056,
83.3636

 21.0406, 18.4583,
20.1643


 105.6757,
100.1224, 109.2209

 13.2663, 11.2795,
12.3292


134.3130,
128.3000, 139.9384

 7.6904, 6.2552,
6.8431

167.7061,
161.3229, 175.9344

 3.9476, 3.0009,
3.2872

206.2206,
199.5753, 217.6277

 1.6726, 1.1322,
1.2431

250.2216,

 0.4390, 0.0052,

243.4416, 265.4366

0.0145

300.0747,
293.3064, 319.7798

■ 0.0000, 0.0000,
0.0000

■ 44.6458, 40.8167,
44.5550

■ 44.6458, 40.8167,
44.5550

■ 40.0808, 33.8135,
36.4760

■ 49.9425, 49.0348,
53.6428

■ 36.2113, 27.9618,
29.3675

■ 55.9983, 58.5160,
63.7705

■ 33.0029, 23.2011,
23.1927

■ 62.8432, 69.3127,
74.9711

■ 30.4171, 19.4630,
17.9113

■ 70.5046, 81.4727,
87.2754

■ 28.4109, 16.6713,
13.4797

■ 76.8981, 90.8203,
100.0093

■ 26.9359, 14.7389,
9.8505

■ 78.4388, 91.4366,
108.1226

■ 25.9348, 13.5626,
6.9706

■ 25.3583, 12.9884,
4.9942

Harmonies

Analogous

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



43.8087, 40.8167, 53.0292



44.6458, 40.8167, 44.5550



43.8513, 40.8167, 37.0087

Triad

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



44.6458, 40.8167, 44.5550



36.1043, 40.8167, 31.9464



36.0395, 40.8167, 59.6971

Complementary

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



44.6458, 40.8167, 44.5550



45.2588, 53.9481, 57.3205

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.



34.1432, 40.8167, 52.8103



44.6458, 40.8167, 44.5550



34.1793, 40.8167, 36.8366

Square

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



44.6458, 40.8167, 44.5550



38.8343, 40.8167, 30.3028



33.4792, 40.8167, 44.3301



38.7558, 40.8167, 62.4117

Rectangle

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



44.6458, 40.8167, 44.5550



42.5248, 40.8167, 33.3515



33.4792, 40.8167, 44.3301



35.2900, 40.8167, 57.7542

Sweetspot

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



44.6469, 40.8185, 44.5559



88.6362, 89.9334, 98.2504



44.7915, 40.5080, 61.9584



18.8286, 19.0253, 20.7900



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.



44.6469, 40.8185, 44.5559



71.4385, 63.2360, 68.7859



45.2221, 43.7303, 39.3173



11.3388, 11.2643, 12.3189



16.1715, 8.2792, 3.3559



0.8671, 0.4402, 0.3460

Inverse Universe

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



44.6469, 40.8185, 44.5559



71.4385, 63.2360, 68.7859



44.4995, 50.2294, 63.8502



11.3388, 11.2643, 12.3189



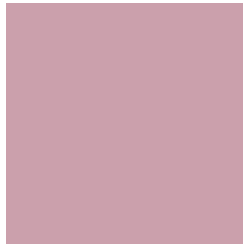
16.1715, 8.2792, 3.3559



0.8671, 0.4402, 0.3460

Previews

White Background



This preview shows how the XYZ color 44.6458, 40.8167, 44.5550 looks on a white background.

Color Contrast Check

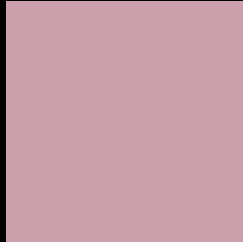
Large Text (above 18pt) WCAG AA × Fail

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 44.6458, 40.8167, 44.5550 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 44.6458, 40.8167, 44.5550

Background



This preview shows how black text looks on a background with the XYZ color 44.6458, 40.8167, 44.5550.



This preview shows how white text looks on a background with the XYZ color 44.6458, 40.8167,

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

44.6458, 40.8167, 44.5550

Protanopia

39.6442, 40.8480, 47.9145

Deuteranopia

41.7259, 40.9041, 44.2242



Tritanopia

44.6458, 40.8167, 44.5550

Trichromacy



Original Color

44.6458, 40.8167, 44.5550

Protanomaly

41.2399, 40.5974, 46.7368

Deuteranomaly

42.6185, 40.8286, 44.1626

Tritanomaly

44.6458, 40.8167, 44.5550

Monochromacy



Original Color

44.6458, 40.8167, 44.5550

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.7384, 41.7074, 45.3856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6458, 40.8167, 44.5550 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(203, 160, 172)` looks like.

```
.text, #text, p{  
    color:rgb(203, 160, 172)  
}
```

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(203, 160, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 160, 172) }
```

Border

The CSS property to change the border of an element to XYZ 44.6458, 40.8167, 44.5550 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(203, 160, 172) }
```


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

```
.border{ border-color:rgb(203, 160, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 160, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 160, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 160, 172);  
box-shadow:4px 4px 4px 4px rgb(203, 160,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6458, 40.8167, 44.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 160, 172) }
```

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

```
.background{ background-color: rgb(203,  
160, 172) }
```

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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