

Converting Colors

XYZ(45.3792, 44.7845, 45.0597)

Have a look what the booklet for
XYZ(45.3792, 44.7845, 45.0597)
contains.

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Color

**XYZ(45.4159, 44.7360,
45.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	C5ADAC
RGB	197, 173, 172
RGB Percent	77%, 68%, 67%
CMY	0.2274, 0.3215, 0.3255
CMYK	0.00, 0.12, 0.13, 0.23
HSL	2°, 18%, 72%
HSV	2°, 13%, 77%
XYZ	45.4159, 44.7360, 45.2710
YIQ	180.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

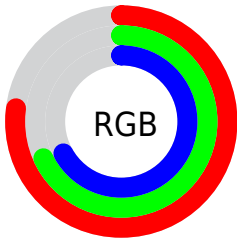
Format	Color
RYB	197, 173, 172
Decimal	12955052
CIELab	72.72, 8.49, 3.69
CIELCh	73, 9.257, 23.477
Yxy	44.7360, 0.3354, 0.3303
Android (android.graphics.Color)	4291145132 (0xFFC5ADAC)
YUV	180.0620, -3.9746, 14.8546
Hunter-Lab	66.8850, 4.1555, 6.6891

Details

The XYZ color **45.4159, 44.7360, 45.2710** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8310, 52.2807, 60.4466**, and the grayscale version is **43.4319, 45.6937, 49.7605**.

A 20% lighter version of the original color is **82.4816, 82.1037, 84.1734**, and **21.5552, 20.8704, 20.6616** is the 20% darker color. If you saturate the color by 10%, you get **40.2897, 37.2900, 34.9095**, and if you desaturate by 10%, it is **51.3383, 53.3245, 57.2827**.

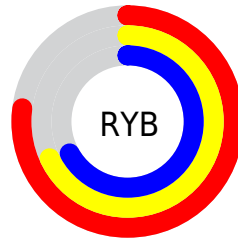
Distribution



Red (77%)

Green (68%)

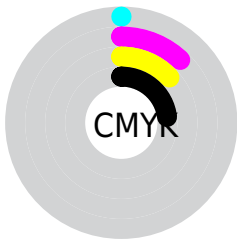
Blue (67%)



Red (77%)

Yellow (68%)

Blue (67%)

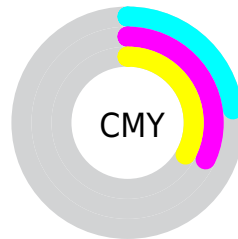


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (23%)



Cyan (23%)


Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4159, 44.7360, 45.2710 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 45.4159, 44.7360, 45.2710 by changing the saturation by 10% instead.


 45.4159, 44.7360,
45.2710

 45.4159, 44.7360,
45.2710


359.2108,
365.7033, 384.0621

 31.9878, 31.2495,
31.3264


 82.5774, 82.3241,
84.4497

 21.5077, 20.7889,
20.5870


107.0415,
107.1945, 110.5209

 13.6102, 12.9698,
12.6342


135.9150,
136.6284, 141.4714

 7.9299, 7.4078,
7.0494

169.5633,
171.0101, 177.7197

 4.1016, 3.7184,
3.4141

208.3516,
210.7241, 219.6844

 1.7598, 1.5173,
1.3098

252.6454,

 0.4932, 0.3009,

256.1547, 267.7840

0.0698

302.8100,
307.6863, 322.4370

■ 0.0000, 0.0000,
0.0000

■ 45.4159, 44.7360,
45.2710

■ 45.4159, 44.7360,
45.2710

■ 40.2897, 37.2900,
34.9095

■ 51.3383, 53.3245,
57.2827

■ 35.9222, 30.9328,
26.1234

■ 58.0848, 63.0946,
71.0093

■ 32.2786, 25.6151,
18.8366

■ 65.6868, 74.0907,
86.5154

■ 29.3196, 21.2817,
12.9652

■ 74.1726, 86.3532,
103.8614

■ 27.0025, 17.8722,
8.4173

■ 76.8361, 90.6104,
108.0476

■ 25.2796, 15.3195,
5.0901

■ 24.0969, 13.5475,
2.8659

■ 23.3899, 12.4668,
1.6034

■ 23.1120, 12.0421,
1.1062

Harmonies

Analogous

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



45.6626, 44.7360, 49.7215



45.4159, 44.7360, 45.2710



44.3846, 44.7360, 41.9430

Triad

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



45.4159, 44.7360, 45.2710



40.0867, 44.7360, 43.6340



42.1704, 44.7360, 58.0352

Complementary

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



45.4159, 44.7360, 45.2710



46.8310, 52.2807, 60.4466

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.



40.7088, 44.7360, 56.1681



45.4159, 44.7360, 45.2710



39.5255, 44.7360, 47.7122

Square

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



45.4159, 44.7360, 45.2710



41.3019, 44.7360, 41.0403



39.7503, 44.7360, 52.3187



43.7623, 44.7360, 57.2801

Rectangle

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



45.4159, 44.7360, 45.2710



43.4045, 44.7360, 40.7139



39.7503, 44.7360, 52.3187



41.6481, 44.7360, 57.6898

Sweetspot

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



45.4171, 44.7380, 45.2719



90.4067, 93.2720, 99.4646



47.7618, 45.3691, 58.5643



19.1697, 19.7016, 20.9218



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.



45.4171, 44.7380, 45.2719



78.8773, 76.5477, 76.0932



47.8916, 49.6870, 46.0968



10.6674, 10.7040, 11.0666



15.2163, 7.9499, 0.7325



0.7327, 0.4008, 0.0387

Inverse Universe

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



46.8310, 52.2807, 60.4466



81.8632, 92.4778, 108.1431



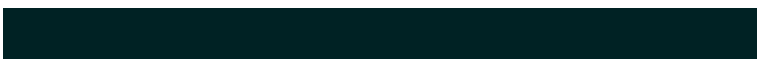
44.1632, 46.9451, 59.5574



10.9088, 11.9917, 13.6572



18.6265, 26.6470, 38.9060



0.8936, 1.2849, 1.8461

Previews

White Background



This preview shows how the XYZ color 45.4159, 44.7360, 45.2710 looks on a white background.

Color Contrast Check

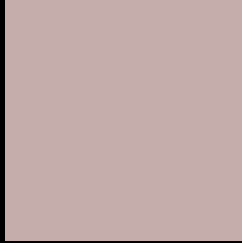
Large Text (above 18pt) WCAG AA × Fail

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 45.4159, 44.7360, 45.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

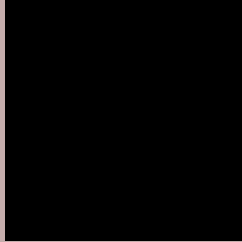
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4159, 44.7360, 45.2710

Background



This preview shows how black text looks on a background with the XYZ color 45.4159, 44.7360, 45.2710.



This preview shows how white text looks on a background with the XYZ color 45.4159, 44.7360,

45.2710.

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

45.4159, 44.7360, 45.2710

Protanopia

43.1867, 45.0032, 46.9677

Deuteranopia

45.6787, 44.8715, 45.2833



Tritanopia

46.7678, 44.7286, 51.5160

Trichromacy



Original Color

45.4159, 44.7360, 45.2710

Protanomaly

43.9044, 44.7980, 46.3773

Deuteranomaly

45.6787, 44.8715, 45.2833

Tritanomaly

46.2794, 44.8061, 49.3893

Monochromacy



Original Color

45.4159, 44.7360, 45.2710

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.9077, 45.0577, 47.9778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4159, 44.7360, 45.2710 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(197, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 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(197, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 172) }
```

Border

The CSS property to change the border of an element to XYZ 45.4159, 44.7360, 45.2710 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(197, 173, 172) }
```


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

```
.border{ border-color:rgb(197, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(197, 173,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4159, 44.7360, 45.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 172) }
```

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

```
.background{ background-color: rgb(197,  
173, 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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