

Converting Colors

XYZ(45.3062, 44.8841, 44.1833)

Have a look what the booklet for
XYZ(45.3062, 44.8841, 44.1833)
contains.

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Color

**XYZ(45.4177, 45.0447,
44.3309)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AEAA
RGB	197, 174, 170
RGB Percent	77%, 68%, 67%
CMY	0.2274, 0.3176, 0.3333
CMYK	0.00, 0.12, 0.14, 0.23
HSL	9°, 19%, 72%
HSV	9°, 14%, 77%
XYZ	45.4177, 45.0447, 44.3309
YIQ	180.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

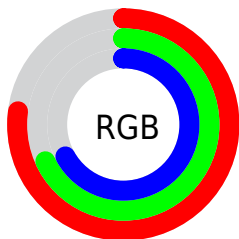
Format	Color
RYB	197, 175, 170
Decimal	12955306
CIELab	72.92, 7.62, 5.08
CIELCh	73, 9.156, 33.693
Yxy	45.0447, 0.3369, 0.3342
Android (android.graphics.Color)	4291145386 (0xFFC5AEAA)
YUV	180.4210, -5.1376, 14.5398
Hunter-Lab	67.1153, 3.3411, 7.8186

Details

The XYZ color **45.4177, 45.0447, 44.3309** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7253, 50.7161, 60.2030**, and the grayscale version is **43.6308, 45.9030, 49.9884**.

A 20% lighter version of the original color is **82.4830, 82.5457, 82.8198**, and **21.5572, 21.0667, 20.0696** is the 20% darker color. If you saturate the color by 10%, you get **40.6507, 38.2726, 34.2263**, and if you desaturate by 10%, it is **50.8714, 52.7424, 56.0433**.

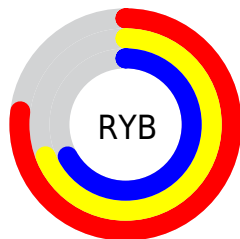
Distribution



Red (77%)

Green (68%)

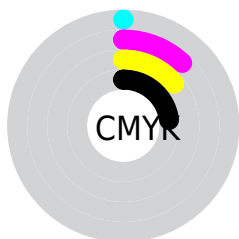
Blue (67%)



Red (77%)

Yellow (69%)

Blue (67%)

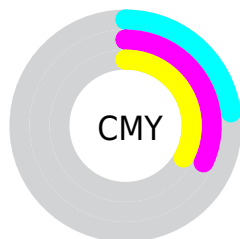


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4177, 45.0447, 44.3309 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 45.4177, 45.0447, 44.3309 by changing the saturation by 10% instead.


 45.4177, 45.0447,
44.3309

 45.4177, 45.0447,
44.3309


359.2179,
366.9546, 380.1377

 31.9892, 31.4926,
30.5916

 82.5801, 82.7875,
83.0232

 21.5088, 20.9743,
20.0322


107.0447,
107.7470, 108.8133

 13.6110, 13.1052,
12.2342


135.9187,
137.2778, 139.4575

 7.9305, 7.5010,
6.7789

169.5676,
171.7642, 175.3742

 4.1019, 3.7774,
3.2479

208.3566,
211.5907, 216.9821

 1.7600, 1.5498,
1.2225

252.6511,

 0.4934, 0.3234,

257.1417, 264.6996

0.0000

302.8164,
308.8015, 318.9453

■ 0.0000, 0.0000,
0.0000

■ 45.4177, 45.0447,
44.3309

■ 45.4177, 45.0447,
44.3309

■ 40.6507, 38.2726,
34.2263

■ 50.8714, 52.7424,
56.0433

■ 36.5394, 32.3854,
25.6564

■ 57.0339, 61.3925,
69.4264

■ 33.0561, 27.3482,
18.5468

■ 63.9307, 71.0282,
84.5433

■ 30.1693, 23.1216,
12.8158

■ 71.5850, 81.6794,
101.4531

■ 27.8451, 19.6628,
8.3736

■ 76.8361, 90.6104,
108.0476

■ 26.0459, 16.9254,
5.1195

■ 24.7293, 14.8575,
2.9381

■ 23.8462, 13.4003,
1.6905

■ 23.4707, 12.7596,
1.2258

Harmonies

Analogous

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



45.9492, 45.0447, 48.4822



45.4177, 45.0447, 44.3309



44.1880, 45.0447, 41.5827

Triad

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



45.4177, 45.0447, 44.3309



40.1215, 45.0447, 45.2536



43.0116, 45.0447, 58.3485

Complementary

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



45.4177, 45.0447, 44.3309



45.7253, 50.7161, 60.2030

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.



41.4681, 45.0447, 57.3528



45.4177, 45.0447, 44.3309



39.8240, 45.0447, 49.6142

Square

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



45.4177, 45.0447, 44.3309



41.1339, 45.0447, 42.0918



40.3111, 45.0447, 54.0842



44.5384, 45.0447, 56.7269

Rectangle

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



45.4177, 45.0447, 44.3309



43.1516, 45.0447, 40.8198



40.3111, 45.0447, 54.0842



42.4774, 45.0447, 58.3092

Sweetspot

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



45.4189, 45.0467, 44.3319



90.7418, 93.9422, 99.5763



47.0715, 44.4885, 56.7930



19.2541, 19.8704, 20.9499



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.



45.4189, 45.0467, 44.3319



79.0620, 77.4430, 74.5333



48.0737, 50.3562, 45.2168



10.7587, 10.8865, 11.0970



15.4760, 8.4692, 0.8190



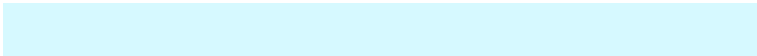
0.7746, 0.4846, 0.0527

Inverse Universe

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



45.7253, 50.7161, 60.2030



79.7002, 89.2667, 107.6373



42.9572, 45.1800, 59.2803



10.8075, 11.7891, 13.6234



15.8614, 21.1167, 37.9843



0.7885, 1.0748, 1.8110

Previews

White Background



This preview shows how the XYZ color 45.4177, 45.0447, 44.3309 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 45.4177, 45.0447, 44.3309 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 45.4177, 45.0447, 44.3309

Background



This preview shows how black text looks on a background with the XYZ color 45.4177, 45.0447, 44.3309.



This preview shows how white text looks on a background with the XYZ color 45.4177, 45.0447,

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

45.4177, 45.0447, 44.3309

Protanopia

43.1340, 45.0097, 45.4441

Deuteranopia

46.0187, 45.0688, 44.3039



Tritanopia

47.0627, 45.1499, 52.1333

Trichromacy



Original Color

45.4177, 45.0447, 44.3309

Protanomaly

44.0591, 45.2034, 44.9310

Deuteranomaly

45.7525, 44.9315, 44.2914

Tritanomaly

46.4705, 45.1882, 49.4530

Monochromacy



Original Color

45.4177, 45.0447, 44.3309

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.0066, 45.4145, 47.5208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4177, 45.0447, 44.3309 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, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 170)  
}
```

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, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 45.4177, 45.0447, 44.3309 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, 174, 170) }
```


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

```
.border{ border-color:rgb(197, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4177, 45.0447, 44.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 170) }
```

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

```
.background{ background-color: rgb(197,  
174, 170) }
```

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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