

Converting Colors

XYZ(50.3660, 54.8975, 45.8285)

Have a look what the booklet for
XYZ(50.3660, 54.8975, 45.8285)
contains.

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Color

**XYZ(50.2479, 54.7051,
45.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C5AA
RGB	197, 197, 170
RGB Percent	77%, 77%, 67%
CMY	0.2274, 0.2274, 0.3333
CMYK	0.00, 0.00, 0.14, 0.23
HSL	60°, 19%, 72%
HSV	60°, 14%, 77%
XYZ	50.2479, 54.7051, 45.9410
YIQ	193.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

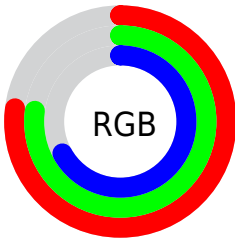
Format	Color
RYB	170, 197, 170
Decimal	12961194
CIELab	78.87, -4.63, 13.56
CIELCh	79, 14.334, 108.861
Yxy	54.7051, 0.3330, 0.3625
Android (android.graphics.Color)	4291151274 (0xFFC5C5AA)
YUV	193.9220, -11.7935, 2.6994
Hunter-Lab	73.9629, -8.1682, 14.9469

Details

The XYZ color **50.2479, 54.7051, 45.9410** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0325, 41.3282, 58.6408**, and the grayscale version is **51.2972, 53.9687, 58.7719**.

A 20% lighter version of the original color is **89.9055, 97.3907, 85.2939**, and **24.4202, 26.7926, 21.0239** is the 20% darker color. If you saturate the color by 10%, you get **48.5220, 54.0165, 36.8503**, and if you desaturate by 10%, it is **52.2561, 55.5103, 56.5050**.

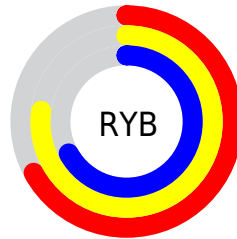
Distribution



Red (77%)

Green (77%)

Blue (67%)



Red (67%)

Yellow (77%)

Blue (67%)

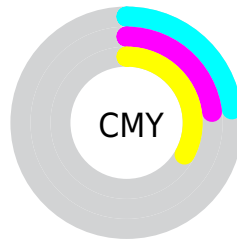


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2479, 54.7051, 45.9410 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 50.2479, 54.7051, 45.9410 by changing the saturation by 10% instead.

■ 50.2479, 54.7051,
45.9410

■ 50.2479, 54.7051,
45.9410

378.0706,
404.7931, 386.8421

■ 35.8290, 39.1657,
31.8509

■ 89.7317, 97.1087,
85.4640

■ 24.4717, 26.8886,
20.9838

115.5273,
124.7417, 111.7341

■ 15.8105, 17.4896,
12.9210

145.8459,
157.1747, 142.9013

■ 9.4802, 10.5842,
7.2441

181.0528,
194.7921, 179.3840

■ 5.1153, 5.7880,
3.5345

221.5133,
237.9782, 221.6009

■ 2.3505, 2.7166,
1.3736

267.5929,

■ 0.8203, 0.9856,

287.1175, 269.9706

0.1210

319.6569,
342.5943, 324.9114

■ 0.0000, 0.0000,
0.0000

■ 50.2479, 54.7051,
45.9410

■ 50.2479, 54.7051,
45.9410

■ 48.5220, 54.0165,
36.8503

■ 52.2561, 55.5103,
56.5050

■ 47.0616, 53.4322,
29.1641

■ 54.5537, 56.4294,
68.5999

■ 45.8548, 52.9494,
22.8135

■ 57.1532, 57.4693,
82.2846

■ 44.8872, 52.5623,
17.7225

■ 60.0650, 58.6341,
97.6137

■ 44.1429, 52.2644,
13.8070

■ 61.0476, 59.0273,
102.7836

■ 43.6039, 52.0488,
10.9733

■ 61.0484, 59.0277,
102.7836

■ 43.2499, 51.9070,
9.1131

■ 61.0492, 59.0281,
102.7837

■ 43.0558, 51.8293,
8.0955

■ 61.0500, 59.0285,
102.7837

■ 42.9865, 51.8015,
7.7331

■ 61.0508, 59.0289,
102.7837

Harmonies

Analogous

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



53.0590, 54.7051, 45.4834



50.2479, 54.7051, 45.9410



47.9854, 54.7051, 49.8451

Triad

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



50.2479, 54.7051, 45.9410



48.4807, 54.7051, 72.1533



57.5469, 54.7051, 62.6412

Complementary

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



50.2479, 54.7051, 45.9410



41.0325, 41.3282, 58.6408

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.



56.2231, 54.7051, 70.4719



50.2479, 54.7051, 45.9410



50.9464, 54.7051, 76.2877

Square

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



50.2479, 54.7051, 45.9410



46.9911, 54.7051, 64.7716



53.7833, 54.7051, 75.6458



57.3433, 54.7051, 54.6443

Rectangle

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



50.2479, 54.7051, 45.9410



47.0606, 54.7051, 54.0940



53.7833, 54.7051, 75.6458



57.2639, 54.7051, 65.3920

Sweetspot

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



50.2494, 54.7075, 45.9422



93.4503, 99.3601, 100.4793



44.6581, 43.5234, 44.0781



19.9399, 21.2422, 21.1786



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.



50.2494, 54.7075, 45.9422



89.1608, 97.6440, 77.9002



46.8716, 52.9662, 45.7841



11.5238, 12.4169, 11.3521



28.2727, 34.0704, 5.0861



1.3388, 1.6133, 0.2408

Inverse Universe

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



41.0325, 41.3282, 58.6408



69.9391, 69.7417, 104.3830



44.1020, 42.9106, 58.7844



10.0569, 10.2876, 13.3731



6.6291, 2.6517, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 50.2479, 54.7051, 45.9410 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 50.2479, 54.7051, 45.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

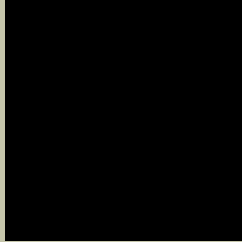
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

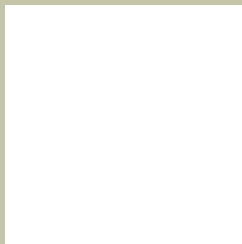
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2479, 54.7051, 45.9410

Background



This preview shows how black text looks on a background with the XYZ color 50.2479, 54.7051, 45.9410.



This preview shows how white text looks on a background with the XYZ color 50.2479, 54.7051,

45.9410.

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

50.2479, 54.7051, 45.9410

Protanopia

51.8534, 54.8739, 45.3949

Deuteranopia

55.5538, 54.4746, 46.6164



Tritanopia

54.4692, 54.7608, 66.7305

Trichromacy



Original Color

50.2479, 54.7051, 45.9410

Protanomaly

51.2585, 54.9010, 45.4315

Deuteranomaly

53.4221, 54.3480, 46.2026

Tritanomaly

52.8488, 54.7580, 58.8229

Monochromacy



Original Color

50.2479, 54.7051, 45.9410

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7777, 54.1351, 53.6718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2479, 54.7051, 45.9410 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, 197, 170)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 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, 197, 170) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 50.2479, 54.7051, 45.9410 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, 197, 170) }
```


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

```
.border{ border-color:rgb(197, 197, 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, 197, 170)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 50.2479, 54.7051, 45.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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