

Converting Colors

XYZ(45.3474, 50.1745, 26.4102)

Have a look what the booklet for
XYZ(45.3474, 50.1745, 26.4102)
contains.

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Color

**XYZ(45.3402, 50.2879,
26.3856)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BE7C
RGB	198, 190, 124
RGB Percent	78%, 75%, 49%
CMY	0.2235, 0.2549, 0.5137
CMYK	0.00, 0.04, 0.37, 0.22
HSL	54°, 39%, 63%
HSV	54°, 37%, 78%
XYZ	45.3402, 50.2879, 26.3856
YIQ	184.8680, 25.9540, -18.8300

Conversions

Conversions Part 2

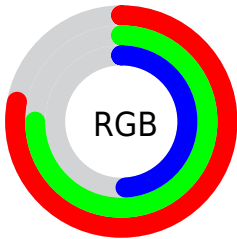
Format	Color
RYB	133, 198, 124
Decimal	13024892
CIELab	76.25, -6.93, 34.35
CIElCh	76, 35.047, 101.410
Yxy	50.2879, 0.3716, 0.4121
Android (android.graphics.Color)	4291214972 (0xFFC6BE7C)
YUV	184.8680, -30.0079, 11.5168
Hunter-Lab	70.9140, -9.9720, 27.5792

Details

The XYZ color **45.3402, 50.2879, 26.3856** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.7563, 24.8640, 56.8150**, and the grayscale version is **46.1932, 48.5988, 52.9241**.

A 20% lighter version of the original color is **82.1316, 90.3459, 54.7047**, and **21.5094, 24.2254, 10.0209** is the 20% darker color. If you saturate the color by 10%, you get **43.7522, 48.9186, 20.2868**, and if you desaturate by 10%, it is **47.1889, 51.7760, 33.8129**.

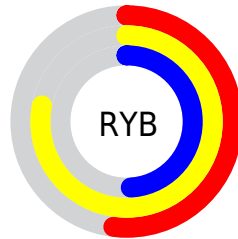
Distribution



Red (78%)

Green (75%)

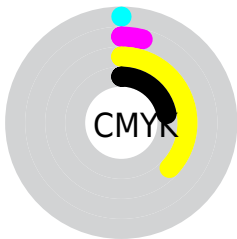
Blue (49%)



Red (52%)

Yellow (78%)

Blue (49%)

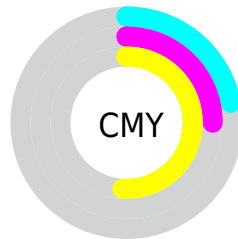


Cyan (0%)

Magenta (4%)

Yellow (37%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3402, 50.2879, 26.3856 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 45.3402, 50.2879, 26.3856 by changing the saturation by 10% instead.

■ 45.3402, 50.2879,
26.3856

■ 45.3402, 50.2879,
26.3856

358.9102,
387.7907, 298.3353

■ 31.9279, 35.6422,
16.8840

■ 82.4646, 90.6013,
54.8881

■ 21.4617, 24.1580,
9.9907

■ 106.9074,
117.0378, 74.7260

■ 13.5763, 15.4509,
5.2873

■ 135.7578,
148.1733, 98.8464

■ 7.9063, 9.1364,
2.3551

169.3810,
184.3923, 127.6679

■ 4.0863, 4.8303,
0.7619

208.1426,
226.0792, 161.6090

■ 1.7511, 2.1480,
0.0000

252.4077,

■ 0.4879, 0.6914,

273.6183, 201.0883

0.0000

302.5418,
327.3940, 246.5242

■ 0.0000, 0.0000,
0.0000

■ 45.3402, 50.2879,
26.3856

■ 45.3402, 50.2879,
26.3856

■ 43.7522, 48.9186,
20.2868

■ 47.1889, 51.7760,
33.8129

■ 42.4061, 47.6550,
15.4336

■ 49.3085, 53.3816,
42.6386

■ 41.2863, 46.4927,
11.7388


■ 51.7132, 55.1122,
52.9315


■ 40.3737, 45.4242,
9.1025


■ 54.4150, 56.9727,
64.7550


■ 39.6463, 44.4403,
7.4081


■ 57.4252, 58.9676,
78.1686


 39.0730, 43.5287,
6.4919

 60.7546, 61.1012,
93.2288

 38.9335, 43.2955,
6.3048

 63.1650, 62.8785,
103.4153

 63.6802, 63.9088,
103.5871

 64.2024, 64.9532,
103.7611

Harmonies

Analogous

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



51.9407, 50.2879, 27.1134



45.3402, 50.2879, 26.3856



39.9152, 50.2879, 31.8467

Triad

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



45.3402, 50.2879, 26.3856



38.9308, 50.2879, 82.3563



60.8053, 50.2879, 67.1242

Complementary

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



45.3402, 50.2879, 26.3856



26.7563, 24.8640, 56.8150

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.



56.6539, 50.2879, 86.6365



45.3402, 50.2879, 26.3856



43.8800, 50.2879, 96.7279

Square

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



45.3402, 50.2879, 26.3856



36.4476, 50.2879, 62.2323



50.3413, 50.2879, 98.4526



61.2876, 50.2879, 47.9020

Rectangle

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



45.3402, 50.2879, 26.3856



37.5361, 50.2879, 39.1955



50.3413, 50.2879, 98.4526



59.7760, 50.2879, 73.9676

Sweetspot

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



45.3415, 50.2902, 26.3866



89.8991, 96.4050, 86.5067



34.7050, 28.1049, 25.6540



19.1159, 20.5440, 17.9752



0.0000, 0.0000, 0.0000



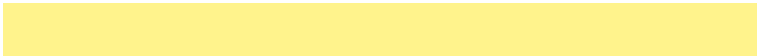
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.3415, 50.2902, 26.3866



77.9239, 87.0244, 37.5981



40.3308, 50.3487, 26.6620



11.4223, 12.2137, 11.3182



25.3577, 28.2325, 4.1129



1.2294, 1.3943, 0.2043

Inverse Universe

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



26.7563, 24.8640, 56.8150



40.2410, 35.4844, 99.3360



30.4188, 25.2039, 56.6876



10.1474, 10.4689, 13.4034



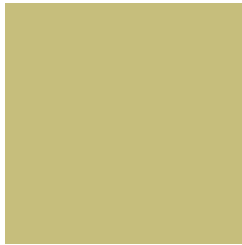
6.8392, 3.0723, 34.9769



0.3557, 0.2093, 1.6668

Previews

White Background



This preview shows how the XYZ color 45.3402, 50.2879, 26.3856 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 45.3402, 50.2879, 26.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

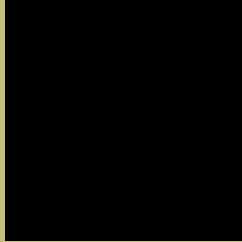
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3402, 50.2879, 26.3856

Background



This preview shows how black text looks on a background with the XYZ color 45.3402, 50.2879, 26.3856.



This preview shows how white text looks on a background with the XYZ color 45.3402, 50.2879,

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

45.3402, 50.2879, 26.3856

Protanopia

46.4602, 50.2339, 25.9863

Deuteranopia

51.1385, 50.1564, 26.7245



Tritanopia

51.8278, 50.1097, 58.5703

Trichromacy



Original Color

45.3402, 50.2879, 26.3856

Protanomaly

46.1299, 50.3818, 26.0322

Deuteranomaly

48.8665, 50.2087, 26.5177

Tritanomaly

48.9305, 49.8421, 44.5777

Monochromacy



Original Color

45.3402, 50.2879, 26.3856

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.6164, 49.1321, 41.7295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3402, 50.2879, 26.3856 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(198, 190, 124)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 124)  
}
```

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(198, 190, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 124) }
```

Border

The CSS property to change the border of an element to XYZ 45.3402, 50.2879, 26.3856 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(198, 190, 124) }
```


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

```
.border{ border-color:rgb(198, 190, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 124);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3402, 50.2879, 26.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 124) }
```

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

```
.background{ background-color: rgb(198,  
190, 124) }
```

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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