

Converting Colors

XYZ(45.0219, 50.9941, 25.5594)

Have a look what the booklet for
XYZ(45.0219, 50.9941, 25.5594)
contains.

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Color

**XYZ(45.0268, 51.1225,
25.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C179
RGB	195, 193, 121
RGB Percent	76%, 76%, 47%
CMY	0.2353, 0.2431, 0.5255
CMYK	0.00, 0.01, 0.38, 0.24
HSL	58°, 38%, 62%
HSV	58°, 38%, 76%
XYZ	45.0268, 51.1225, 25.5836
YIQ	185.3900, 24.3040, -21.9680

Conversions

Conversions Part 2

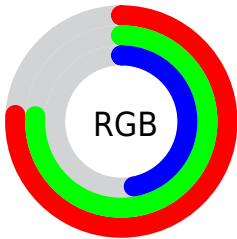
Format	Color
RYB	123, 195, 121
Decimal	12829049
CIELab	76.75, -10.02, 36.51
CIELCh	77, 37.856, 105.353
Yxy	51.1225, 0.3699, 0.4200
Android (android.graphics.Color)	4291019129 (0xFFC3C179)
YUV	185.3900, -31.7443, 8.4280
Hunter-Lab	71.5000, -12.7154, 28.8353

Details

The XYZ color **45.0268, 51.1225, 25.5836** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.8183, 22.1703, 54.6009**, and the grayscale version is **46.4943, 48.9157, 53.2692**.

A 20% lighter version of the original color is **82.0237, 91.6900, 53.4192**, and **21.3306, 24.7865, 9.6213** is the 20% darker color. If you saturate the color by 10%, you get **43.8344, 50.4618, 19.8711**, and if you desaturate by 10%, it is **46.4639, 51.8854, 32.5715**.

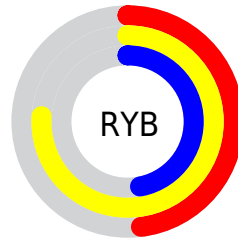
Distribution



Red (76%)

Green (76%)

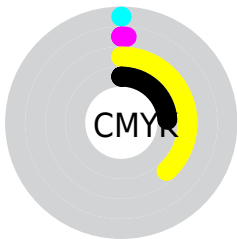
Blue (47%)



Red (48%)

Yellow (76%)

Blue (47%)

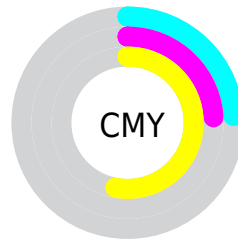


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0268, 51.1225, 25.5836 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 45.0268, 51.1225, 25.5836 by changing the saturation by 10% instead.

■ 45.0268, 51.1225,
25.5836

■ 45.0268, 51.1225,
25.5836

357.6640,
391.0395, 294.2721

■ 31.6799, 36.3061,
16.2894

■ 81.9974, 91.8358,
53.5782

■ 21.2715, 24.6707,
9.5726

■ 106.3519,
118.5015, 73.1158

■ 13.4362, 15.8319,
5.0146

■ 135.1063,
149.8858, 96.9048

■ 7.8086, 9.4053,
2.1970

168.6259,
186.3731, 125.3640

■ 4.0235, 5.0065,
0.6726

207.2761,
228.3477, 158.9117

■ 1.7155, 2.2511,
0.0000

251.4223,

■ 0.4659, 0.7476,

276.1940, 197.9667

0.0000

301.4298,
330.2965, 242.9473

■ 0.0000, 0.0000,
0.0000

■ 45.0268, 51.1225,
25.5836

■ 45.0268, 51.1225,
25.5836

■ 43.8344, 50.4618,
19.8711

■ 46.4639, 51.8854,
32.5715

■ 42.8682, 49.8903,
15.3535

■ 48.1553, 52.7489,
40.9021

■ 42.1133, 49.4041,
11.9463


■ 50.1148, 53.7203,
50.6422

■ 41.5513, 48.9957,
9.5528


■ 52.3539, 54.8042,
61.8530

■ 41.1606, 48.6564,
8.0595


■ 54.8837, 56.0050,
74.5920

 40.9088, 48.3734,
7.2958

 57.7144, 57.3269,
88.9138

 40.8636, 48.3179,
7.1726

 60.4504, 58.6115,
102.7348

 60.5697, 58.8502,
102.7746

 60.6894, 59.0896,
102.8145

Harmonies

Analogous

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



52.1649, 51.1225, 25.5087



45.0268, 51.1225, 25.5836



39.4171, 51.1225, 32.2491

Triad

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



45.0268, 51.1225, 25.5836



39.5217, 51.1225, 88.7898



63.2055, 51.1225, 66.2700

Complementary

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



45.0268, 51.1225, 25.5836



24.8183, 22.1703, 54.6009

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.



59.0868, 51.1225, 88.3208



45.0268, 51.1225, 25.5836



45.1830, 51.1225, 103.3375

Square

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



45.0268, 51.1225, 25.5836



36.4585, 51.1225, 66.7995



52.3372, 51.1225, 103.1473



63.1531, 51.1225, 45.8399

Rectangle

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



45.0268, 51.1225, 25.5836



37.0938, 51.1225, 40.7522



52.3372, 51.1225, 103.1473



62.2464, 51.1225, 73.8301

Sweetspot

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



45.0281, 51.1248, 25.5847



88.5718, 95.6318, 84.7964



32.9478, 26.7192, 22.3138



19.2884, 20.8891, 18.0327



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.



45.0281, 51.1248, 25.5847



78.7496, 90.5155, 36.7338



37.5573, 47.9325, 25.3623



10.8894, 11.7102, 10.7482



26.5697, 31.4251, 4.6653



1.1555, 1.3727, 0.2041

Inverse Universe

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



24.8183, 22.1703, 54.6009



37.1464, 30.9150, 96.4791



30.3083, 24.6369, 54.7877



9.5496, 9.7905, 12.6713



6.4492, 2.6549, 33.7291



0.2863, 0.1300, 1.4599

Previews

White Background



This preview shows how the XYZ color 45.0268, 51.1225, 25.5836 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 45.0268, 51.1225, 25.5836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

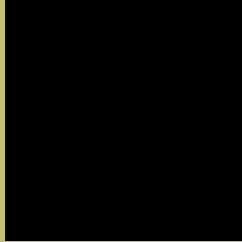
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

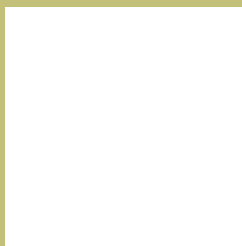
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0268, 51.1225, 25.5836

Background



This preview shows how black text looks on a background with the XYZ color 45.0268, 51.1225, 25.5836.



This preview shows how white text looks on a background with the XYZ color 45.0268, 51.1225,

25.5836.

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

45.0268, 51.1225, 25.5836

Protanopia

47.0414, 50.8731, 25.1094

Deuteranopia

52.1569, 50.9970, 26.1632



Tritanopia

52.2354, 51.1956, 60.5547

Trichromacy



Original Color

45.0268, 51.1225, 25.5836

Protanomaly

46.1607, 50.7395, 25.1301

Deuteranomaly

49.2430, 50.7269, 25.9348

Tritanomaly

49.1134, 50.8604, 45.2587

Monochromacy



Original Color

45.0268, 51.1225, 25.5836

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.4911, 49.3939, 41.3188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0268, 51.1225, 25.5836 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(195, 193, 121)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 121)  
}
```

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(195, 193, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 121) }
```

Border

The CSS property to change the border of an element to XYZ 45.0268, 51.1225, 25.5836 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(195, 193, 121) }
```


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

```
.border{ border-color:rgb(195, 193, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 121);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0268, 51.1225, 25.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 121) }
```

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

```
.background{ background-color: rgb(195,  
193, 121) }
```

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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