

Converting Colors

XYZ(25.7927, 45.6921, 10.4607)

Have a look what the booklet for
XYZ(25.7927, 45.6921, 10.4607)
contains.

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Color

**XYZ(25.8004, 45.6423,
10.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	51CD32
RGB	81, 205, 50
RGB Percent	32%, 80%, 20%
CMY	0.6824, 0.1961, 0.8039
CMYK	0.60, 0.00, 0.76, 0.20
HSL	108°, 61%, 50%
HSV	108°, 76%, 80%
XYZ	25.8004, 45.6423, 10.4676
YIQ	150.2540, -24.1490, -74.4930

Conversions

Conversions Part 2

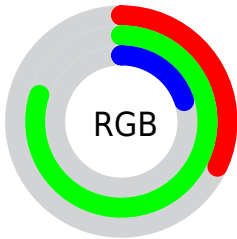
Format	Color
RYB	50, 205, 174
Decimal	5360946
CIELab	73.31, -61.23, 62.37
CIELCh	73, 87.398, 134.471
Yxy	45.6423, 0.3150, 0.5572
Android (android.graphics.Color)	4283551026 (0xFF51CD32)
YUV	150.2540, -49.4252, -60.7358
Hunter-Lab	67.5591, -50.0603, 38.1050

Details

The XYZ color **25.8004, 45.6423, 10.4676** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **29.6185, 15.6895, 59.2274**, and the grayscale version is **29.3095, 30.8359, 33.5802**.

A 20% lighter version of the original color is **49.7415, 78.4212, 26.4251**, and **10.7474, 21.4949, 3.5825** is the 20% darker color. If you saturate the color by 10%, you get **24.2139, 44.8660, 8.5792**, and if you desaturate by 10%, it is **27.9264, 46.6766, 13.4161**.

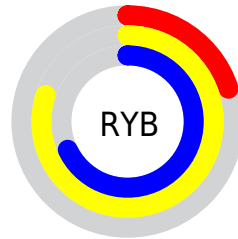
Distribution



Red (32%)

Green (80%)

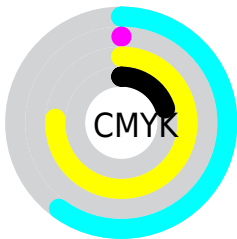
Blue (20%)



Red (20%)

Yellow (80%)

Blue (68%)

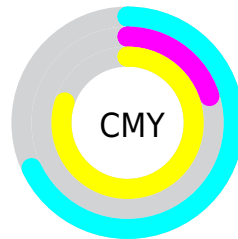


Cyan (60%)

Magenta (0%)

Yellow (76%)

Black (20%)



Cyan (68%)

Magenta (20%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8004, 45.6423, 10.4676 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 25.8004, 45.6423, 10.4676 by changing the saturation by 10% instead.

■ 25.8004, 45.6423,
10.4676

■ 25.8004, 45.6423,
10.4676

274.0756,
369.3687, 204.5822

■ 16.8063, 31.9636,
5.6004

■ 52.3864, 83.6834,
27.2928

■ 10.1909, 21.3337,
2.5389

■ 70.7089, 108.8147,
40.0879

■ 5.5890, 13.3682,
0.8606

■ 92.8717, 138.5322,
56.3628

■ 2.6351, 7.6826,
0.0000

■ 119.2399,
173.2205, 76.5360

■ 0.9639, 3.8925,
0.0000

■ 150.1791,
213.2639, 101.0259

■ 0.0000, 1.6136,
0.0000

■ 186.0545,

■ 0.0000, 0.3668,

259.0468, 130.2513

0.0000

227.2316,
310.9536, 164.6305

■ 0.0000, 0.0000,
0.0000

■ 25.8004, 45.6423,
10.4676

■ 25.8004, 45.6423,
10.4676

■ 24.2139, 44.8660,
8.5792

■ 27.9264, 46.6766,
13.4161

■ 23.1099, 44.3175,
7.5947

■ 30.6346, 47.9842,
17.5463

■ 22.7465, 44.1358,
7.3202

■ 33.9666, 49.5854,
22.9664

■ 37.9594, 51.4972,
29.7718

■ 42.6468, 53.7353,
38.0485

■ 48.0604, 56.3142,
47.8760

■ 54.2296, 59.2475,
59.3278

■ 61.1825, 62.5481,
72.4727

■ 68.9455, 66.2282,
87.3757

Harmonies

Analogous

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



36.4091, 45.6423, 4.5420



25.8004, 45.6423, 10.4676



20.6869, 45.6423, 30.3106

Triad

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



25.8004, 45.6423, 10.4676



35.9426, 45.6423, 183.9371



78.7401, 45.6423, 31.4083

Complementary

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



25.8004, 45.6423, 10.4676



29.6185, 15.6895, 59.2274

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.



78.5304, 45.6423, 75.9673



25.8004, 45.6423, 10.4676



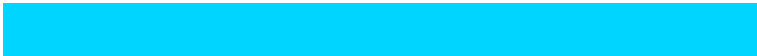
51.1919, 45.6423, 184.9057

Square

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



25.8004, 45.6423, 10.4676



25.5287, 45.6423, 135.6702



67.5469, 45.6423, 137.8383



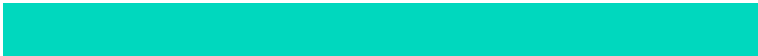
68.0661, 45.6423, 10.8633

Rectangle

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



25.8004, 45.6423, 10.4676



20.0893, 45.6423, 56.5898



67.5469, 45.6423, 137.8383



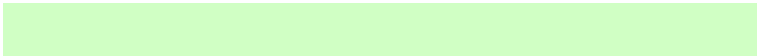
80.0079, 45.6423, 43.3874

Sweetspot

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



25.8015, 45.6442, 10.4686



71.7981, 88.9427, 65.8172



40.8907, 43.4838, 9.2563



14.7160, 18.7266, 12.9184



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.



25.8015, 45.6442, 10.4686



38.3934, 72.8598, 12.8478



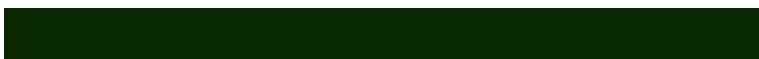
25.2826, 45.1967, 18.5800



11.2741, 12.6432, 11.9256



14.2226, 27.5073, 4.5598



0.7969, 1.4516, 0.2382

Inverse Universe

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



29.6185, 15.6895, 59.2274



44.5363, 21.3276, 96.3770



32.5339, 17.7474, 34.2868



11.4593, 11.2861, 14.1448



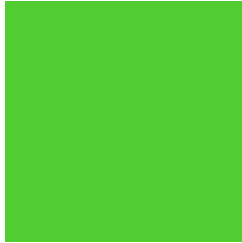
16.4708, 7.6985, 36.5741



0.9070, 0.4267, 1.8895

Previews

White Background



This preview shows how the XYZ color 25.8004, 45.6423, 10.4676 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 25.8004, 45.6423, 10.4676 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 25.8004, 45.6423, 10.4676

Background



This preview shows how black text looks on a background with the XYZ color 25.8004, 45.6423, 10.4676.



This preview shows how white text looks on a background with the XYZ color 25.8004, 45.6423,

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

25.8004, 45.6423, 10.4676

Protanopia

40.6435, 44.8321, 8.7968

Deuteranopia

45.7603, 44.8191, 11.2401



Tritanopia

36.8327, 45.3440, 65.8425

Trichromacy



Original Color

25.8004, 45.6423, 10.4676



Protanomaly

32.3810, 43.3318, 9.2420



Deuteranomaly

34.5437, 42.8511, 10.7254



Tritanomaly

30.7244, 44.5066, 35.8255

Monochromacy



Original Color

25.8004, 45.6423, 10.4676



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

25.8694, 34.3243, 21.1814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8004, 45.6423, 10.4676 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(81, 205, 50)` looks like.

```
.text, #text, p{  
    color:rgb(81, 205, 50)  
}
```

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(81, 205, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 205, 50) }
```

Border

The CSS property to change the border of an element to XYZ 25.8004, 45.6423, 10.4676 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(81, 205, 50) }
```


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

```
.border{ border-color:rgb(81, 205, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 205, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 205, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 205, 50);  
box-shadow:4px 4px 4px 4px rgb(81, 205,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8004, 45.6423, 10.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 205, 50) }
```

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

```
.background{ background-color: rgb(81, 205,  
50) }
```

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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