

Converting Colors

XYZ(25.1293, 46.7913, 9.8832)

Have a look what the booklet for
XYZ(25.1293, 46.7913, 9.8832)
contains.

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Color

**XYZ(25.0819, 46.7288,
9.8881)**

Conversions

Conversions Part 1

Format	Color
Hex	3CD12A
RGB	60, 209, 42
RGB Percent	24%, 82%, 16%
CMY	0.7647, 0.1804, 0.8353
CMYK	0.71, 0.00, 0.80, 0.18
HSL	114°, 67%, 49%
HSV	114°, 80%, 82%
XYZ	25.0819, 46.7288, 9.8881
YIQ	145.4110, -35.1970, -83.5250

Conversions

Conversions Part 2

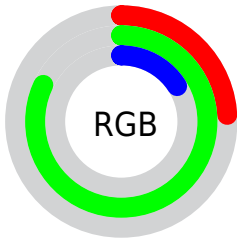
Format	Color
R_YB	42, 209, 191
Decimal	3985706
CIE Lab	74.02, -67.29, 65.30
CIE LCh	74, 93.768, 135.859
Yxy	46.7288, 0.3070, 0.5720
Android (android.graphics.Color)	4282175786 (0xFF3CD12A)
YUV	145.4110, -50.9816, -74.9054
Hunter-Lab	68.3585, -54.1326, 39.2746

Details

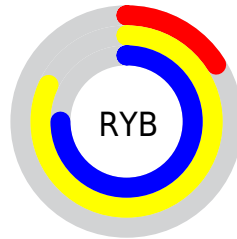
The XYZ color **25.0819, 46.7288, 9.8881** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **33.8260, 17.3380, 61.8879**, and the grayscale version is **27.2939, 28.7153, 31.2710**.

A 20% lighter version of the original color is **47.1622, 77.1267, 24.7132**, and **11.3912, 22.7825, 3.7971** is the 20% darker color. If you saturate the color by 10%, you get **23.8663, 46.1361, 8.3620**, and if you desaturate by 10%, it is **26.8914, 47.6080, 12.4611**.

Distribution



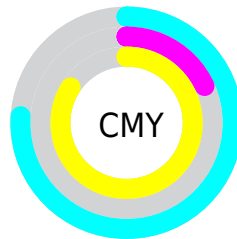
- Red (24%)
- Green (82%)
- Blue (16%)



- Red (16%)
- Yellow (82%)
- Blue (75%)



- Cyan (71%)
- Magenta (0%)
- Yellow (80%)
- Black (18%)





- Cyan (76%)
- Magenta (18%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0819, 46.7288, 9.8881 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 25.0819, 46.7288, 9.8881 by changing the saturation by 10% instead.


 25.0819, 46.7288,
9.8881


 25.0819, 46.7288,
9.8881


270.5857,
373.7310, 200.3273


 16.2671, 32.8213,
5.2202


 51.2320, 85.3087,
26.1893

 9.8054, 21.9896,
2.3160


 69.2980, 110.7498,
38.6597


 5.3314, 13.8493,
0.7402


 91.1786, 140.8043,
54.5681

 2.4797, 8.0159,
0.0000

 117.2389,
175.8566, 74.3328

 0.8851, 4.1051,
0.0000

 147.8444,
216.2910, 98.3726

 0.0000, 1.7325,
0.0000

 183.3605,

 0.0000, 0.4446,

262.4919, 127.1059

0.0000

224.1525,
314.8438, 160.9513

■ 0.0000, 0.0000,
0.0000

■ 25.0819, 46.7288,
9.8881

■ 25.0819, 46.7288,
9.8881

■ 23.8663, 46.1361,
8.3620

■ 26.8914, 47.6080,
12.4611

■ 23.1492, 45.7820,
7.6227


■ 29.3557, 48.7977,
16.2199


■ 23.1439, 45.7794,
7.6165


■ 32.5316, 50.3261,
21.2856


■ 36.4687, 52.2165,
27.7634

■ 41.2123, 54.4901,
35.7480

 46.8039, 57.1665,
45.3257

 53.2824, 60.2639,
56.5765

 60.6841, 63.7996,
69.5748

 69.0433, 67.7896,
84.3906

Harmonies

Analogous

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



36.1829, 46.7288, 3.7379



25.0819, 46.7288, 9.8881



19.9350, 46.7288, 31.5116

Triad

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



25.0819, 46.7288, 9.8881



37.0028, 46.7288, 202.9308



83.1485, 46.7288, 29.6099

Complementary

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



25.0819, 46.7288, 9.8881



33.8260, 17.3380, 61.8879

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.



83.5288, 46.7288, 76.8988



25.0819, 46.7288, 9.8881



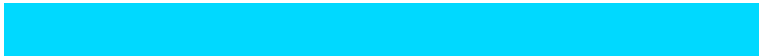
53.8080, 46.7288, 201.1356

Square

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



25.0819, 46.7288, 9.8881



25.5514, 46.7288, 149.9023



71.7622, 46.7288, 145.9184



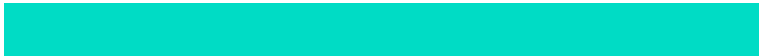
70.8259, 46.7288, 9.2463

Rectangle

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



25.0819, 46.7288, 9.8881



19.4654, 46.7288, 60.8868



71.7622, 46.7288, 145.9184



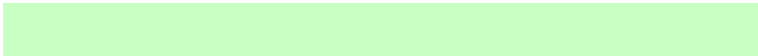
84.7652, 46.7288, 42.0340

Sweetspot

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



25.0830, 46.7308, 9.8891



69.3999, 87.7397, 64.1989



45.0235, 50.3429, 9.5354



14.1905, 18.4621, 12.6061



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.



25.0830, 46.7308, 9.8891



36.5637, 71.9279, 12.2493



26.3593, 47.1363, 21.3509



11.7729, 13.2664, 12.5522



14.3100, 28.2461, 4.6978



0.8411, 1.6004, 0.2646

Inverse Universe

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



33.8260, 17.3380, 61.8879



50.3541, 24.0377, 96.5935



32.2338, 17.2564, 28.4154



12.1801, 11.9417, 14.9067



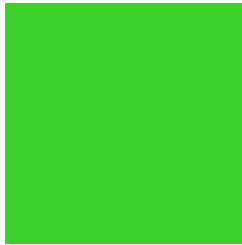
19.7043, 9.3382, 37.9564



1.1385, 0.5411, 2.1240

Previews

White Background



This preview shows how the XYZ color 25.0819, 46.7288, 9.8881 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 25.0819, 46.7288, 9.8881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

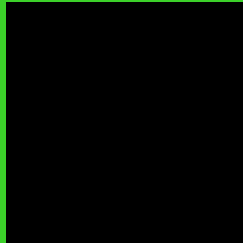
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0819, 46.7288, 9.8881

Background



This preview shows how black text looks on a background with the XYZ color 25.0819, 46.7288, 9.8881.



This preview shows how white text looks on a background with the XYZ color 25.0819, 46.7288, 9.8881.

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

25.0819, 46.7288, 9.8881

Protanopia

41.4558, 45.8656, 8.2581

Deuteranopia

46.7426, 45.6208, 10.6171



Tritanopia

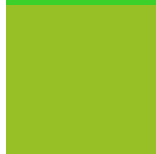
36.7415, 46.5669, 68.0246

Trichromacy



Original Color

25.0819, 46.7288, 9.8881



Protanomaly

31.7432, 43.9809, 8.6498



Deuteranomaly

33.7175, 43.0620, 9.9029



Tritanomaly

30.0096, 45.5047, 35.6354

Monochromacy



Original Color

25.0819, 46.7288, 9.8881



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

23.6488, 32.6654, 19.2460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0819, 46.7288, 9.8881 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(60, 209, 42)` looks like.

```
.text, #text, p{  
    color:rgb(60, 209, 42)  
}
```

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(60, 209, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 209, 42) }
```

Border

The CSS property to change the border of an element to XYZ 25.0819, 46.7288, 9.8881 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(60, 209, 42) }
```


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

```
.border{ border-color:rgb(60, 209, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 209, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 209, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 209, 42);  
box-shadow:4px 4px 4px 4px rgb(60, 209,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0819, 46.7288, 9.8881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 209, 42) }
```

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

```
.background{ background-color: rgb(60, 209,  
42) }
```

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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