

Converting Colors

XYZ(26.4182, 45.9529, 11.3478)

Have a look what the booklet for
XYZ(26.4182, 45.9529, 11.3478)
contains.

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Color

**XYZ(26.4076, 45.9365,
11.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	56CD39
RGB	86, 205, 57
RGB Percent	34%, 80%, 22%
CMY	0.6627, 0.1961, 0.7764
CMYK	0.58, 0.00, 0.72, 0.20
HSL	108°, 60%, 51%
HSV	108°, 72%, 80%
XYZ	26.4076, 45.9365, 11.3457
YIQ	152.5470, -23.4160, -71.2560

Conversions

Conversions Part 2

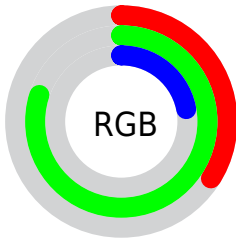
Format	Color
RYB	57, 205, 176
Decimal	5688633
CIELab	73.50, -59.53, 60.20
CIELCh	74, 84.668, 134.679
Yxy	45.9365, 0.3155, 0.5489
Android (android.graphics.Color)	4283878713 (0xFF56CD39)
YUV	152.5470, -47.1047, -58.3617
Hunter-Lab	67.7765, -49.0603, 37.5185

Details

The XYZ color **26.4076, 45.9365, 11.3457** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **30.3899, 16.5659, 59.3559**, and the grayscale version is **30.2879, 31.8652, 34.7012**.

A 20% lighter version of the original color is **50.7733, 78.9153, 28.1789**, and **10.9063, 21.8127, 3.6354** is the 20% darker color. If you saturate the color by 10%, you get **24.6495, 45.0792, 9.1118**, and if you desaturate by 10%, it is **28.7243, 47.0607, 14.6849**.

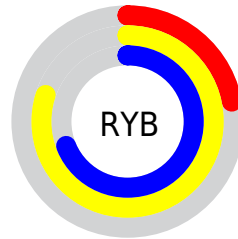
Distribution



Red (34%)

Green (80%)

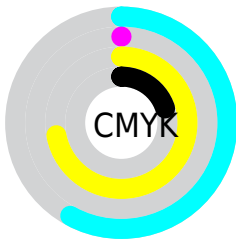
Blue (22%)



Red (22%)

Yellow (80%)

Blue (69%)

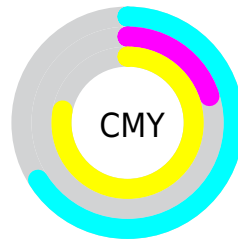


Cyan (58%)

Magenta (0%)

Yellow (72%)

Black (20%)



Cyan (66%)

Magenta (20%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4076, 45.9365, 11.3457 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 26.4076, 45.9365, 11.3457 by changing the saturation by 10% instead.

■ 26.4076, 45.9365,
11.3457

■ 26.4076, 45.9365,
11.3457

276.9974,
370.5533, 210.8460

■ 17.2631, 32.1957,
6.1828

■ 53.3584, 84.1240,
28.9440

■ 10.5187, 21.5110,
2.8860

■ 71.8954, 109.3394,
42.2165

■ 5.8091, 13.4981,
1.0367

■ 94.2940, 139.1486,
59.0293

■ 2.7689, 7.7724,
0.0000

■ 120.9194,
173.9358, 79.8008

■ 1.0328, 3.9497,
0.0000

■ 152.1372,
214.0855, 104.9498

■ 0.0000, 1.6454,
0.0000

188.3125,

■ 0.0000, 0.3879,

259.9820, 134.8946

0.0000

229.8108,
312.0098, 170.0538

■ 0.0000, 0.0000,
0.0000

■ 26.4076, 45.9365,
11.3457

■ 26.4076, 45.9365,
11.3457

■ 24.6495, 45.0792,
9.1118

■ 28.7243, 47.0607,
14.6849

■ 23.3957, 44.4597,
7.8389

■ 31.6406, 48.4662,
19.2441

■ 22.7137, 44.1189,
7.3187

■ 35.1971, 50.1731,
25.1271

■ 39.4300, 52.1981,
32.4258

■ 44.3726, 54.5565,
41.2240

■ 50.0559, 57.2626,
51.5987

■ 56.5092, 60.3300,
63.6220

■ 63.7600, 63.7713,
77.3612

■ 71.8347, 67.5988,
92.8800

Harmonies

Analogous

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



36.7747, 45.9365, 5.1681



26.4076, 45.9365, 11.3457



21.3911, 45.9365, 31.2649

Triad

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



26.4076, 45.9365, 11.3457



36.4975, 45.9365, 178.8439



77.7905, 45.9365, 31.9217

Complementary

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



26.4076, 45.9365, 11.3457



30.3899, 16.5659, 59.3559

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.



77.6679, 45.9365, 75.0766



26.4076, 45.9365, 11.3457



51.3580, 45.9365, 179.4035

Square

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



26.4076, 45.9365, 11.3457



26.2448, 45.9365, 133.1060



67.1528, 45.9365, 134.3642



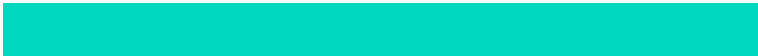
67.4572, 45.9365, 11.5904

Rectangle

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



26.4076, 45.9365, 11.3457



20.8208, 45.9365, 57.0371



67.1528, 45.9365, 134.3642



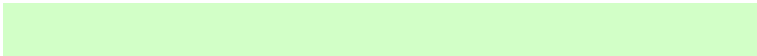
79.0352, 45.9365, 43.5980

Sweetspot

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



26.4087, 45.9384, 11.3467



72.6044, 89.3245, 67.3867



41.3254, 44.0927, 10.2043



15.0397, 18.8804, 13.5238



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.



26.4087, 45.9384, 11.3467



39.0661, 73.1924, 13.5184



25.8888, 45.4821, 19.8306



11.2698, 12.6410, 11.9254



14.2013, 27.4963, 4.5588



0.7949, 1.4506, 0.2381

Inverse Universe

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



30.3899, 16.5659, 59.3559



45.6161, 22.2444, 96.4971



33.0395, 18.4658, 35.3585



11.4638, 11.2884, 14.1450



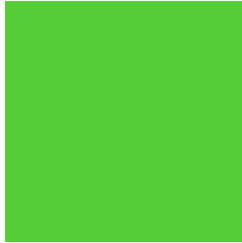
16.5768, 7.7532, 36.5791



0.9117, 0.4291, 1.8897

Previews

White Background



This preview shows how the XYZ color 26.4076, 45.9365, 11.3457 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 26.4076, 45.9365, 11.3457 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 26.4076, 45.9365, 11.3457

Background



This preview shows how black text looks on a background with the XYZ color 26.4076, 45.9365, 11.3457.



This preview shows how white text looks on a background with the XYZ color 26.4076, 45.9365,

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

26.4076, 45.9365, 11.3457

Protanopia

40.9844, 45.2903, 9.5994

Deuteranopia

45.9116, 44.8796, 12.0372



Tritanopia

37.2294, 45.5485, 65.8610

Trichromacy



Original Color

26.4076, 45.9365, 11.3457



Protanomaly

33.1383, 44.0232, 10.1189



Deuteranomaly

35.1212, 43.1329, 11.4754



Tritanomaly

31.3513, 44.8110, 36.7028

Monochromacy



Original Color

26.4076, 45.9365, 11.3457



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.0758, 35.4802, 22.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4076, 45.9365, 11.3457 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(86, 205, 57)` looks like.

```
.text, #text, p{  
    color:rgb(86, 205, 57)  
}
```

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(86, 205, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 205, 57) }
```

Border

The CSS property to change the border of an element to XYZ 26.4076, 45.9365, 11.3457 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(86, 205, 57) }
```


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

```
.border{ border-color:rgb(86, 205, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 205, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 205, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 205, 57);  
box-shadow:4px 4px 4px 4px rgb(86, 205,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4076, 45.9365, 11.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 205, 57) }
```

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

```
.background{ background-color: rgb(86, 205,  
57) }
```

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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