

Converting Colors

XYZ(26.7227, 46.4857, 11.4080)

Have a look what the booklet for
XYZ(26.7227, 46.4857, 11.4080)
contains.

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Color

**XYZ(26.7403, 46.4643,
11.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	57CE39
RGB	87, 206, 57
RGB Percent	34%, 81%, 22%
CMY	0.6588, 0.1921, 0.7765
CMYK	0.58, 0.00, 0.72, 0.19
HSL	108°, 60%, 52%
HSV	108°, 72%, 81%
XYZ	26.7403, 46.4643, 11.4300
YIQ	153.4330, -23.0950, -71.5670

Conversions

Conversions Part 2

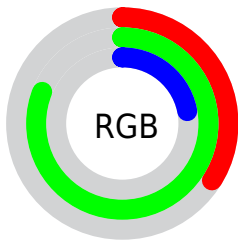
Format	Color
RYB	57, 206, 176
Decimal	5754425
CIELab	73.85, -59.64, 60.56
CIELCh	74, 84.997, 134.561
Yxy	46.4643, 0.3159, 0.5490
Android (android.graphics.Color)	4283944505 (0xFF57CE39)
YUV	153.4330, -47.5415, -58.2617
Hunter-Lab	68.1647, -49.2646, 37.7734

Details

The XYZ color **26.7403, 46.4643, 11.4300** 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 **30.5111, 16.6144, 59.9939**, and the grayscale version is **30.6766, 32.2741, 35.1465**.

A 20% lighter version of the original color is **50.9534, 79.0082, 28.1874**, and **10.9063, 21.8127, 3.6354** is the 20% darker color. If you saturate the color by 10%, you get **24.9623, 45.5969, 9.1871**, and if you desaturate by 10%, it is **29.0790, 47.5994, 14.7888**.

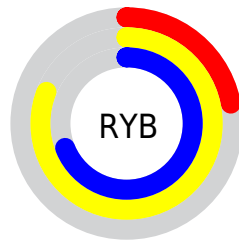
Distribution



Red (34%)

Green (81%)

Blue (22%)



Red (22%)

Yellow (81%)

Blue (69%)

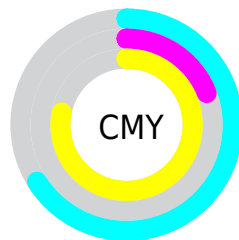


Cyan (58%)

Magenta (0%)

Yellow (72%)

Black (19%)



Cyan (66%)

Magenta (19%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7403, 46.4643, 11.4300 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 26.7403, 46.4643, 11.4300 by changing the saturation by 10% instead.

■ 26.7403, 46.4643,
11.4300

■ 26.7403, 46.4643,
11.4300

278.5880,
372.6722, 211.4365

■ 17.5139, 32.6124,
6.2390

■ 53.8897, 84.9134,
29.1013

■ 10.6991, 21.8297,
2.9198

■ 72.5433, 110.2794,
42.4188

■ 5.9307, 13.7318,
1.0539

■ 95.0701, 140.2522,
59.2821

■ 2.8432, 7.9344,
0.0000

■ 121.8353,
175.2162, 80.1099

■ 1.0714, 4.0530,
0.0000

■ 153.2044,
215.5558, 105.3208

■ 0.0010, 1.7032,
0.0000

189.5426,

■ 0.0000, 0.4258,

261.6554, 135.3331

0.0000

231.2154,
313.8994, 170.5655

■ 0.0000, 0.0000,
0.0000

■ 26.7403, 46.4643,
11.4300

■ 26.7403, 46.4643,
11.4300

■ 24.9623, 45.5969,
9.1871

■ 29.0790, 47.5994,
14.7888

■ 23.6907, 44.9683,
7.9137


■ 32.0194, 49.0167,
19.3799


■ 23.0056, 44.6257,
7.4011


■ 35.6023, 50.7363,
25.3085


■ 39.8639, 52.7747,
32.6677

■ 44.8375, 55.1474,
41.5423

 50.5543, 57.8688,
52.0105

 57.0435, 60.9522,
64.1451

 64.3327, 64.4105,
78.0144

 72.4482, 68.2558,
93.6829

Harmonies

Analogous

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



37.2482, 46.4643, 5.2167



26.7403, 46.4643, 11.4300



21.6454, 46.4643, 31.5029

Triad

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



26.7403, 46.4643, 11.4300



36.8655, 46.4643, 180.8064



78.7094, 46.4643, 32.4098

Complementary

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



26.7403, 46.4643, 11.4300



30.5111, 16.6144, 59.9939

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.



78.5400, 46.4643, 76.1570



26.7403, 46.4643, 11.4300



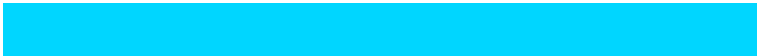
51.8845, 46.4643, 181.5791

Square

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



26.7403, 46.4643, 11.4300



26.5156, 46.4643, 134.4104



67.8699, 46.4643, 136.1478



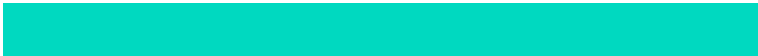
68.2901, 46.4643, 11.7678

Rectangle

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



26.7403, 46.4643, 11.4300



21.0558, 46.4643, 57.5076



67.8699, 46.4643, 136.1478



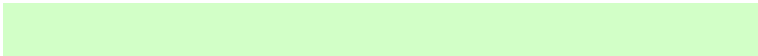
79.9535, 46.4643, 44.2538

Sweetspot

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



26.7414, 46.4663, 11.4310



72.6906, 89.3689, 67.3907



41.2756, 43.5823, 10.1083



15.0597, 18.8907, 13.5248



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.



26.7414, 46.4663, 11.4310



39.1630, 73.2423, 13.5230



26.0227, 45.9197, 19.3518



11.2755, 12.6439, 11.9257



14.2298, 27.5110, 4.5602



0.7975, 1.4520, 0.2382

Inverse Universe

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



30.5111, 16.6144, 59.9939



45.2732, 22.0676, 96.4811



33.5998, 18.7218, 36.8643



11.4577, 11.2853, 14.1448



16.4358, 7.6805, 36.5725



0.9055, 0.4259, 1.8894

Previews

White Background



This preview shows how the XYZ color 26.7403, 46.4643, 11.4300 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 26.7403, 46.4643, 11.4300 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 26.7403, 46.4643, 11.4300

Background



This preview shows how black text looks on a background with the XYZ color 26.7403, 46.4643, 11.4300.



This preview shows how white text looks on a background with the XYZ color 26.7403, 46.4643,

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

26.7403, 46.4643, 11.4300

Protanopia

41.2541, 45.4294, 9.6120

Deuteranopia

46.4089, 45.4153, 12.1144



Tritanopia

37.7060, 46.1049, 66.5863

Trichromacy



Original Color

26.7403, 46.4643, 11.4300



Protanomaly

33.3374, 44.1258, 10.1282



Deuteranomaly

35.5502, 43.6613, 11.5548



Tritanomaly

31.7794, 45.3582, 37.2171

Monochromacy



Original Color

26.7403, 46.4643, 11.4300



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 26.7403, 46.4643, 11.4300 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(87, 206, 57)` looks like.

```
.text, #text, p{  
    color:rgb(87, 206, 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(87, 206, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 206, 57) }
```

Border

The CSS property to change the border of an element to XYZ 26.7403, 46.4643, 11.4300 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(87, 206, 57) }
```


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

```
.border{ border-color:rgb(87, 206, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 206, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 206, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 206, 57);  
box-shadow:4px 4px 4px 4px rgb(87, 206,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7403, 46.4643, 11.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 206, 57) }
```

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

```
.background{ background-color: rgb(87, 206,  
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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