

Converting Colors

XYZ(25.8655, 35.5072, 11.1821)

Have a look what the booklet for
XYZ(25.8655, 35.5072, 11.1821)
contains.

XYZ(25.8493, 35.3851, 11.0978)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.8493, 35.3851,
11.0978)**

Conversions

Conversions Part 1

Format	Color
Hex	86AD45
RGB	134, 173, 69
RGB Percent	53%, 68%, 27%
CMY	0.4745, 0.3216, 0.7294
CMYK	0.23, 0.00, 0.60, 0.32
HSL	83°, 43%, 47%
HSV	83°, 60%, 68%
XYZ	25.8493, 35.3851, 11.0978
YIQ	149.4830, 10.1400, -40.6120

Conversions

Conversions Part 2

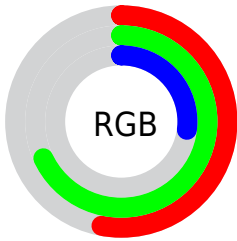
Format	Color
RYB	69, 173, 108
Decimal	8826181
CIELab	66.05, -29.71, 48.04
CIELCh	66, 56.481, 121.732
Yxy	35.3851, 0.3574, 0.4892
Android (android.graphics.Color)	4287016261 (0xFF86AD45)
YUV	149.4830, -39.6781, -13.5786
Hunter-Lab	59.4854, -26.5324, 30.5784

Details

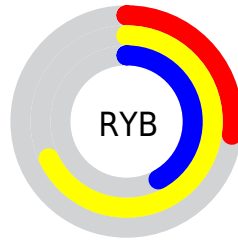
The XYZ color **25.8493, 35.3851, 11.0978** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.8566, 10.4624, 40.7208**, and the grayscale version is **28.9308, 30.4375, 33.1464**.

A 20% lighter version of the original color is **52.4568, 68.2379, 28.4956**, and **10.1825, 15.2113, 2.7802** is the 20% darker color. If you saturate the color by 10%, you get **24.3863, 34.6853, 8.6234**, and if you desaturate by 10%, it is **27.5340, 36.1834, 14.4012**.

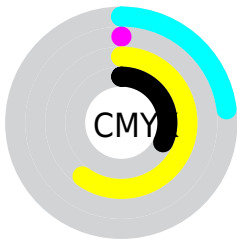
Distribution



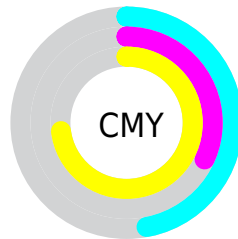
- Red (53%)
- Green (68%)
- Blue (27%)



- Red (27%)
- Yellow (68%)
- Blue (42%)



- Cyan (23%)
- Magenta (0%)
- Yellow (60%)
- Black (32%)





- Cyan (47%)
- Magenta (32%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8493, 35.3851, 11.0978 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 25.8493, 35.3851, 11.0978 by changing the saturation by 10% instead.


 25.8493, 35.3851,
11.0978


 25.8493, 35.3851,
11.0978


274.3118,
326.2649, 209.0988


 16.8430, 23.9597,
6.0177


 52.4648, 68.0819,
28.4803


 10.2172, 15.3037,
2.7869


 70.8047, 90.1221,
41.6197


 5.6066, 9.0328,
0.9869


 92.9865, 116.4693,
58.2826

 2.6457, 4.7626,
0.0000

 119.3756,
147.5080, 78.8876

 0.9693, 2.1086,
0.0000

 150.3373,
183.6225, 103.8532

 0.0000, 0.6695,
0.0000

186.2370,

 0.0000, 0.0000,

225.1972, 133.5978

0.0000

227.4401,
272.6165, 168.5402

■ 25.8493, 35.3851,
11.0978

■ 25.8493, 35.3851,
11.0978

■ 24.3863, 34.6853,
8.6234

■ 27.5340, 36.1834,
14.4012

■ 23.1274, 34.0731,
6.9018

■ 29.4513, 37.0809,
18.5965

■ 22.0556, 33.5428,
5.8465

■ 31.6144, 38.0843,
23.7431

■ 21.1435, 33.0844,
5.2716

■ 34.0344, 39.1982,
29.8946

■ 36.7217, 40.4269,
37.1008

■ 39.6862, 41.7744,
45.4080

■ 42.9372, 43.2444,
54.8597

■ 46.4833, 44.8408,
65.4972

■ 50.3329, 46.5668,
77.3597

Harmonies

Analogous

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



33.1477, 35.3851, 8.3603



25.8493, 35.3851, 11.0978



21.3429, 35.3851, 20.5446

Triad

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



25.8493, 35.3851, 11.0978



26.5637, 35.3851, 95.1424



52.4471, 35.3851, 37.1501

Complementary

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



25.8493, 35.3851, 11.0978



15.8566, 10.4624, 40.7208

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.



49.9146, 35.3851, 64.7776



25.8493, 35.3851, 11.0978



34.1219, 35.3851, 105.5144

Square

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



25.8493, 35.3851, 11.0978



21.7046, 35.3851, 68.2543



42.8394, 35.3851, 92.6165



49.2836, 35.3851, 18.9964

Rectangle

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



25.8493, 35.3851, 11.0978



20.0735, 35.3851, 32.2658



42.8394, 35.3851, 92.6165



52.2320, 35.3851, 45.5529

Sweetspot

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



25.8501, 35.3867, 11.0986



61.7817, 70.5797, 55.7188



23.5806, 19.8583, 8.2209



13.1447, 15.2093, 11.3706



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.8501, 35.3867, 11.0986



42.9259, 61.7556, 14.3356



19.5744, 32.1514, 10.8049



8.3672, 9.1779, 8.5439



15.5971, 24.3377, 3.8756



0.4919, 0.7069, 0.1105

Inverse Universe

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



15.8566, 10.4624, 40.7208



23.5064, 13.1823, 72.1113



23.9968, 14.6588, 41.1018



7.8521, 7.8981, 10.0633



7.1960, 3.0695, 29.2577



0.2619, 0.1172, 0.8168

Previews

White Background



This preview shows how the XYZ color 25.8493, 35.3851, 11.0978 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 25.8493, 35.3851, 11.0978 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 25.8493, 35.3851, 11.0978

Background



This preview shows how black text looks on a background with the XYZ color 25.8493, 35.3851, 11.0978.



This preview shows how white text looks on a background with the XYZ color 25.8493, 35.3851,

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

25.8493, 35.3851, 11.0978

Protanopia

31.8850, 34.9882, 10.0739

Deuteranopia

35.7869, 34.9702, 11.5204



Tritanopia

32.6908, 35.1389, 45.6169

Trichromacy



Original Color

25.8493, 35.3851, 11.0978

Protanomaly

29.3388, 34.9850, 10.3607

Deuteranomaly

31.4526, 34.7366, 11.3504

Tritanomaly

29.2355, 34.8008, 28.4689

Monochromacy



Original Color

25.8493, 35.3851, 11.0978

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1186, 31.7391, 22.4663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8493, 35.3851, 11.0978 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(134, 173, 69)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 69)  
}
```

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(134, 173, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 69) }
```

Border

The CSS property to change the border of an element to XYZ 25.8493, 35.3851, 11.0978 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(134, 173, 69) }
```


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

```
.border{ border-color:rgb(134, 173, 69) }
```

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

Here you see how a box with a 4 pixel rgb(134, 173, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 69);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8493, 35.3851, 11.0978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 69) }
```

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

```
.background{ background-color: rgb(134,  
173, 69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor