

Converting Colors

XYZ(26.0614, 35.7952, 4.4898)

Have a look what the booklet for
XYZ(26.0614, 35.7952, 4.4898)
contains.

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Color

**XYZ(26.2914, 36.0229,
5.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAE00
RGB	142, 174, 0
RGB Percent	56%, 68%, 0%
CMY	0.4431, 0.3176, 0.9999
CMYK	0.18, 0.00, 1.00, 0.32
HSL	71°, 100%, 34%
HSV	71°, 100%, 68%
XYZ	26.2914, 36.0229, 5.5674
YIQ	144.5960, 36.7820, -60.8980

Conversions

Conversions Part 2

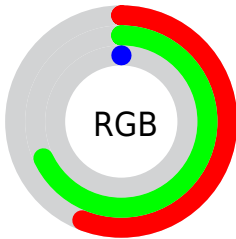
Format	Color
RYB	0, 174, 32
Decimal	9350656
CIELab	66.54, -29.98, 68.07
CIELCh	67, 74.383, 113.770
Yxy	36.0229, 0.3873, 0.5307
Android (android.graphics.Color)	4287540736 (0xFF8EAE00)
YUV	144.5960, -71.2858, -2.2767
Hunter-Lab	60.0191, -26.8413, 36.5136

Details

The XYZ color **26.2914, 36.0229, 5.5674** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8.2369, 3.3639, 40.2617**, and the grayscale version is **27.0207, 28.4279, 30.9580**.

A 20% lighter version of the original color is **53.1896, 69.2716, 17.5885**, and **10.7973, 15.8975, 2.4994** is the 20% darker color. If you saturate the color by 10%, you get **26.2916, 36.0242, 5.5677**, and if you desaturate by 10%, it is **26.9537, 36.3535, 6.1439**.

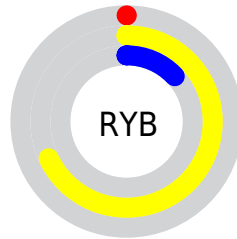
Distribution



Red (56%)

Green (68%)

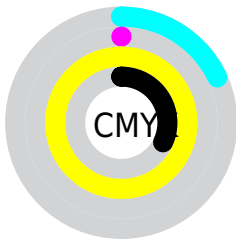
Blue (0%)



Red (0%)

Yellow (68%)

Blue (13%)

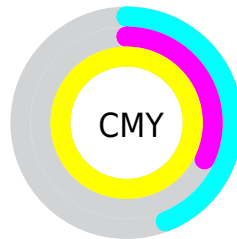


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (44%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2914, 36.0229, 5.5674 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 26.2914, 36.0229, 5.5674 by changing the saturation by 10% instead.

■ 26.2914, 36.0229,
5.5674

■ 26.2914, 36.0229,
5.5674

276.4402,
329.0606, 164.3154

■ 17.1756, 24.4519,
2.5194

■ 53.1726, 69.0674,
17.4881

■ 10.4558, 15.6692,
0.8504

■ 71.6688, 91.3097,
27.1978

■ 5.7668, 9.2904,
0.0000

■ 94.0224, 117.8779,
39.9651

■ 2.7431, 4.9311,
0.0000

■ 120.5988,
149.1563, 56.2087

■ 1.0194, 2.2069,
0.0000

■ 151.7635,
185.5294, 76.3469

■ 0.0000, 0.7237,
0.0000

■ 187.8817,

■ 0.0000, 0.0000,

227.3815, 100.7984

0.0000

229.3188,
275.0972, 129.9817

■ 26.2914, 36.0229,
5.5674

■ 26.2914, 36.0229,
5.5674

■ 26.2916, 36.0242,
5.5677

■ 26.9537, 36.3535,
6.1439

■ 27.7230, 36.7274,
7.2039

■ 28.6361, 37.1607,
8.9380

■ 29.7101, 37.6602,
11.4346

■ 30.9592, 38.2316,
14.7685

■ 32.3960, 38.8801,
19.0057

■ 34.0321, 39.6101,
24.2056

■ 35.8778, 40.4259,
30.4224

■ 37.9428, 41.3313,
37.7066

Harmonies

Analogous

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



36.6224, 36.0229, 4.3482



26.2914, 36.0229, 5.5674



19.6725, 36.0229, 12.9451

Triad

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



26.2914, 36.0229, 5.5674



23.0498, 36.0229, 112.6954



60.3325, 36.0229, 46.2828

Complementary

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



26.2914, 36.0229, 5.5674



8.2369, 3.3639, 40.2617

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.



54.6483, 36.0229, 87.9604



26.2914, 36.0229, 5.5674



31.9607, 36.0229, 137.6381

Square

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



26.2914, 36.0229, 5.5674



18.1054, 36.0229, 69.6037



43.6450, 36.0229, 126.7299



57.8933, 36.0229, 19.2881

Rectangle

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



26.2914, 36.0229, 5.5674



17.4811, 36.0229, 24.4217



43.6450, 36.0229, 126.7299



59.2752, 36.0229, 59.0465

Sweetspot

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



26.2922, 36.0245, 5.5682



61.5577, 71.7697, 43.3480



17.9708, 10.0276, 0.9888



13.4011, 15.8266, 8.7286



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.2922, 36.0245, 5.5682



47.5120, 65.2504, 10.0904



16.7187, 31.0892, 5.1201



8.5160, 9.2546, 8.5508



19.1145, 26.1510, 4.0402



0.5687, 0.7465, 0.1141

Inverse Universe

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



8.2369, 3.3639, 40.2617



14.8028, 6.0302, 73.0206



15.2357, 6.9720, 40.5893



7.7113, 7.8255, 10.0567



6.0114, 2.4589, 29.2023



0.2070, 0.0889, 0.8142

Previews

White Background



This preview shows how the XYZ color 26.2914, 36.0229, 5.5674 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 26.2914, 36.0229, 5.5674 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 26.2914, 36.0229, 5.5674

Background



This preview shows how black text looks on a background with the XYZ color 26.2914, 36.0229, 5.5674.



This preview shows how white text looks on a background with the XYZ color 26.2914, 36.0229,

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

26.2914, 36.0229, 5.5674

Protanopia

32.2117, 35.7857, 5.2096

Deuteranopia

36.5404, 35.7188, 6.2648



Tritanopia

34.3685, 36.0037, 45.6954

Trichromacy



Original Color

26.2914, 36.0229, 5.5674

Protanomaly

29.5726, 35.4879, 5.2912

Deuteranomaly

31.9272, 35.3640, 5.8050

Tritanomaly

29.2680, 34.9994, 20.2519

Monochromacy



Original Color

26.2914, 36.0229, 5.5674

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.3218, 30.4789, 14.6736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2914, 36.0229, 5.5674 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(142, 174, 0)` looks like.

```
.text, #text, p{  
    color:rgb(142, 174, 0)  
}
```

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(142, 174, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 174, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.2914, 36.0229, 5.5674 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(142, 174, 0) }
```


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

```
.border{ border-color:rgb(142, 174, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 174, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 174, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 174, 0);  
box-shadow:4px 4px 4px 4px rgb(142, 174,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2914, 36.0229, 5.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 174, 0) }
```

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

```
.background{ background-color: rgb(142,  
174, 0) }
```

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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