

Converting Colors

XYZ(26.5315, 35.5766, 5.4686)

Have a look what the booklet for
XYZ(26.5315, 35.5766, 5.4686)
contains.

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Color

**XYZ(26.6066, 35.6160,
5.4723)**

Conversions

Conversions Part 1

Format	Color
Hex	92AC00
RGB	146, 172, 0
RGB Percent	57%, 67%, 0%
CMY	0.4275, 0.3255, 0.9999
CMYK	0.15, 0.00, 1.00, 0.33
HSL	69°, 100%, 34%
HSV	69°, 100%, 67%
XYZ	26.6066, 35.6160, 5.4723
YIQ	144.6180, 39.7160, -59.0040

Conversions

Conversions Part 2

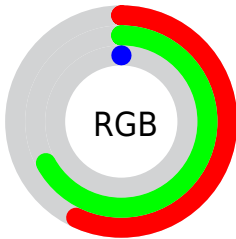
Format	Color
RYB	0, 172, 26
Decimal	9612288
CIELab	66.23, -27.34, 67.96
CIELCh	66, 73.254, 111.915
Yxy	35.6160, 0.3930, 0.5261
Android (android.graphics.Color)	4287802368 (0xFF92AC00)
YUV	144.6180, -71.2967, 1.2120
Hunter-Lab	59.6791, -24.8583, 36.3388

Details

The XYZ color **26.6066, 35.6160, 5.4723** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.8736, 3.1990, 39.2343**, and the grayscale version is **27.0289, 28.4365, 30.9674**.

A 20% lighter version of the original color is **53.6754, 68.2973, 17.1912**, and **10.9329, 15.6066, 2.4362** is the 20% darker color. If you saturate the color by 10%, you get **26.6068, 35.6173, 5.4725**, and if you desaturate by 10%, it is **27.1778, 35.8998, 6.0362**.

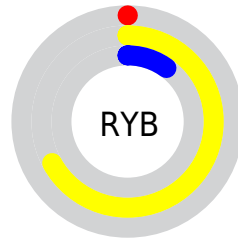
Distribution



Red (57%)

Green (67%)

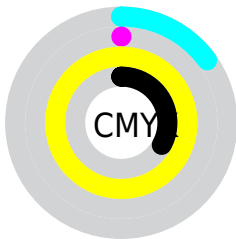
Blue (0%)



Red (0%)

Yellow (67%)

Blue (10%)

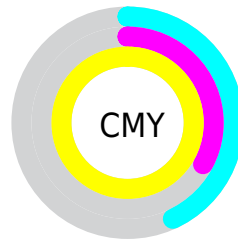


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (43%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6066, 35.6160, 5.4723 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 26.6066, 35.6160, 5.4723 by changing the saturation by 10% instead.

■ 26.6066, 35.6160,
5.4723

■ 26.6066, 35.6160,
5.4723

277.9497,
327.2790, 163.4036

■ 17.4130, 24.1378,
2.4634

■ 53.6763, 68.4390,
17.2837

■ 10.6265, 15.4359,
0.8207

■ 72.2831, 90.5525,
26.9233

■ 5.8817, 9.1258,
0.0000

■ 94.7585, 116.9799,
39.6103

■ 2.8133, 4.8234,
0.0000

■ 121.4676,
148.1056, 55.7630

■ 1.0558, 2.1440,
0.0000

■ 152.7760,
184.3139, 75.8002

■ 0.0000, 0.6892,
0.0000

■ 189.0489,

■ 0.0000, 0.0000,

225.9894, 100.1404

0.0000

230.6516,
273.5163, 129.2020

■ 26.6066, 35.6160,
5.4723

■ 26.6066, 35.6160,
5.4723

■ 26.6068, 35.6173,
5.4725

■ 27.1778, 35.8998,
6.0362

■ 27.8480, 36.2231,
7.0693

■ 28.6533, 36.6017,
8.7587

■ 29.6102, 37.0422,
11.1901

■ 30.7326, 37.5501,
14.4364

■ 32.0325, 38.1303,
18.5616

■ 33.5212, 38.7872,
23.6234

■ 35.2086, 39.5250,
29.6746

■ 37.1042, 40.3472,
36.7641

Harmonies

Analogous

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



36.8908, 35.6160, 4.5184



26.6066, 35.6160, 5.4723



19.8726, 35.6160, 12.2622

Triad

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



26.6066, 35.6160, 5.4723



22.4850, 35.6160, 107.9480



59.1762, 35.6160, 47.8640

Complementary

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



26.6066, 35.6160, 5.4723



7.8736, 3.1990, 39.2343

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.



53.2067, 35.6160, 88.9346



26.6066, 35.6160, 5.4723



30.9847, 35.6160, 133.9367

Square

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



26.6066, 35.6160, 5.4723



17.8738, 35.6160, 65.8212



42.3059, 35.6160, 125.5578



57.2982, 35.6160, 20.3922

Rectangle

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



26.6066, 35.6160, 5.4723



17.5623, 35.6160, 22.9517



42.3059, 35.6160, 125.5578



57.9823, 35.6160, 60.5946

Sweetspot

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



26.6074, 35.6176, 5.4730



60.6521, 70.2931, 42.3053



17.3796, 9.5018, 0.9185



12.9346, 15.1678, 8.3440



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.



26.6074, 35.6176, 5.4730



48.1162, 64.5344, 9.9204



16.6298, 30.4740, 5.0061



8.5419, 9.2680, 8.5521



19.8356, 26.5227, 4.0739



0.5834, 0.7541, 0.1148

Inverse Universe

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



7.8736, 3.1990, 39.2343



14.1662, 5.7424, 71.1675



14.1048, 6.4113, 39.5259



7.6875, 7.8132, 10.0556



5.8889, 2.3957, 29.1966



0.1976, 0.0841, 0.8138

Previews

White Background



This preview shows how the XYZ color 26.6066, 35.6160, 5.4723 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 26.6066, 35.6160, 5.4723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

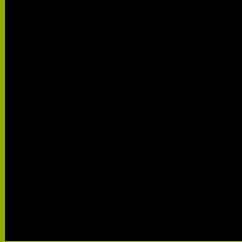
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6066, 35.6160, 5.4723

Background



This preview shows how black text looks on a background with the XYZ color 26.6066, 35.6160, 5.4723.



This preview shows how white text looks on a background with the XYZ color 26.6066, 35.6160,

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

26.6066, 35.6160, 5.4723

Protanopia

31.8009, 35.3135, 5.1401

Deuteranopia

36.0912, 35.2467, 6.1294



Tritanopia

34.6108, 35.6323, 44.5887

Trichromacy



Original Color

26.6066, 35.6160, 5.4723

Protanomaly

29.6036, 35.2351, 5.2408

Deuteranomaly

31.8071, 34.7884, 5.6545

Tritanomaly

29.6075, 34.6453, 19.8786

Monochromacy



Original Color

26.6066, 35.6160, 5.4723

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.3302, 30.2351, 14.6261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6066, 35.6160, 5.4723 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(146, 172, 0)` looks like.

```
.text, #text, p{  
    color:rgb(146, 172, 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(146, 172, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 172, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.6066, 35.6160, 5.4723 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(146, 172, 0) }
```


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

```
.border{ border-color:rgb(146, 172, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 172, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 172, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 172, 0);  
box-shadow:4px 4px 4px 4px rgb(146, 172,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6066, 35.6160, 5.4723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 172, 0) }
```

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

```
.background{ background-color: rgb(146,  
172, 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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