

Converting Colors

XYZ(26.2270, 33.6268, 5.6496)

Have a look what the booklet for
XYZ(26.2270, 33.6268, 5.6496)
contains.

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Color

**XYZ(26.3151, 33.7969,
5.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	96A611
RGB	150, 166, 17
RGB Percent	59%, 65%, 7%
CMY	0.4118, 0.3490, 0.9333
CMYK	0.10, 0.00, 0.90, 0.35
HSL	66°, 81%, 36%
HSV	66°, 90%, 65%
XYZ	26.3151, 33.7969, 5.6668
YIQ	144.2300, 38.2930, -49.7310

Conversions

Conversions Part 2

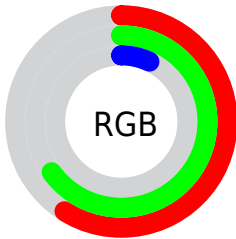
Format	Color
RYB	17, 166, 33
Decimal	9872913
CIELab	64.80, -22.40, 64.64
CIElCh	65, 68.411, 109.112
Yxy	33.7969, 0.4001, 0.5138
Android (android.graphics.Color)	4288062993 (0xFF96A611)
YUV	144.2300, -62.7244, 5.0603
Hunter-Lab	58.1351, -20.9376, 34.9152

Details

The XYZ color **26.3151, 33.7969, 5.6668** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.7116, 3.4781, 36.3433**, and the grayscale version is **26.8376, 28.2353, 30.7482**.

A 20% lighter version of the original color is **53.3541, 65.7169, 17.6571**, and **10.7366, 14.4675, 2.2266** is the 20% darker color. If you saturate the color by 10%, you get **25.8912, 33.5910, 5.1309**, and if you desaturate by 10%, it is **26.8284, 34.0417, 6.6408**.

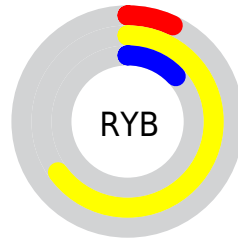
Distribution



Red (59%)

Green (65%)

Blue (7%)



Red (7%)

Yellow (65%)

Blue (13%)

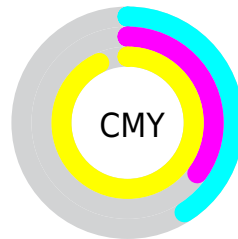


Cyan (10%)

Magenta (0%)

Yellow (90%)

Black (35%)



Cyan (41%)

Magenta (35%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3151, 33.7969, 5.6668 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 26.3151, 33.7969, 5.6668 by changing the saturation by 10% instead.

■ 26.3151, 33.7969,
5.6668

■ 26.3151, 33.7969,
5.6668

276.5539,
319.2255, 165.2609

■ 17.1934, 22.7376,
2.5781

■ 53.2105, 65.6177,
17.7009

■ 10.4687, 14.3999,
0.8811

■ 71.7150, 87.1480,
27.4833

■ 5.7754, 8.3993,
0.0000

■ 94.0778, 112.9375,
40.3340

■ 2.7484, 4.3515,
0.0000

■ 120.6643,
143.3704, 56.6715

■ 1.0221, 1.8721,
0.0000

■ 151.8397,
178.8313, 76.9144

■ 0.0000, 0.5315,
0.0000

■ 187.9696,

■ 0.0000, 0.0000,

219.7045, 101.4813

0.0000

229.4192,
266.3745, 130.7906

■ 26.3151, 33.7969,
5.6668

■ 26.3151, 33.7969,
5.6668

■ 25.8912, 33.5910,
5.1309

■ 26.8284, 34.0417,
6.6408

■ 25.8810, 33.5859,
5.1187

■ 27.4612, 34.3336,
8.2212

■ 28.2291, 34.6801,
10.4867

■ 29.1447, 35.0863,
13.5035

■ 30.2192, 35.5566,
17.3301

■ 31.4624, 36.0950,
22.0193

■ 32.8837, 36.7052,
27.6193

■ 34.4916, 37.3907,
34.1748

■ 36.2939, 38.1545,
41.7276

Harmonies

Analogous

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



35.8327, 33.7969, 5.1081



26.3151, 33.7969, 5.6668



19.8323, 33.7969, 11.4974

Triad

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



26.3151, 33.7969, 5.6668



21.2571, 33.7969, 94.8813



54.5277, 33.7969, 48.0180

Complementary

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



26.3151, 33.7969, 5.6668



7.7116, 3.4781, 36.3433

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.



48.6637, 33.7969, 84.9141



26.3151, 33.7969, 5.6668



28.6785, 33.7969, 119.8342

Square

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



26.3151, 33.7969, 5.6668



17.3512, 33.7969, 57.5564



38.7280, 33.7969, 115.4670



53.5339, 33.7969, 21.7498

Rectangle

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



26.3151, 33.7969, 5.6668



17.4846, 33.7969, 20.6571



38.7280, 33.7969, 115.4670



53.2524, 33.7969, 59.7093

Sweetspot

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



26.3159, 33.7985, 5.6675



57.6502, 65.7432, 42.1017



16.3421, 9.1761, 1.4406



12.7230, 14.6354, 8.7326



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.3159, 33.7985, 5.6675



46.8602, 60.8959, 9.2843



16.7672, 28.8760, 5.2206



8.0663, 8.7323, 8.0496



20.0920, 26.0550, 3.9702



0.5106, 0.6452, 0.0976

Inverse Universe

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



7.7116, 3.4781, 36.3433



12.8517, 5.1823, 65.7982



13.0762, 6.2437, 36.5943



7.2038, 7.3377, 9.4550



5.5491, 2.2441, 28.1162



0.1573, 0.0661, 0.6851

Previews

White Background



This preview shows how the XYZ color 26.3151, 33.7969, 5.6668 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 26.3151, 33.7969, 5.6668 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 26.3151, 33.7969, 5.6668

Background



This preview shows how black text looks on a background with the XYZ color 26.3151, 33.7969, 5.6668.



This preview shows how white text looks on a background with the XYZ color 26.3151, 33.7969,

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

26.3151, 33.7969, 5.6668

Protanopia

30.2611, 33.4901, 5.2501

Deuteranopia

34.2969, 33.6049, 6.0453



Tritanopia

33.4309, 33.5826, 41.2793

Trichromacy



Original Color

26.3151, 33.7969, 5.6668

Protanomaly

28.5864, 33.3888, 5.3535

Deuteranomaly

30.9752, 33.3456, 5.8407

Tritanomaly

29.2520, 32.8927, 20.1364

Monochromacy



Original Color

26.3151, 33.7969, 5.6668

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2869, 29.4493, 15.9068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3151, 33.7969, 5.6668 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(150, 166, 17)` looks like.

```
.text, #text, p{  
    color:rgb(150, 166, 17)  
}
```

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(150, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 166, 177) }
```

Border

The CSS property to change the border of an element to XYZ 26.3151, 33.7969, 5.6668 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(150, 166, 177) }
```


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

```
.border{ border-color:rgb(150, 166, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 166, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 166, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 166, 17);  
box-shadow:4px 4px 4px 4px rgb(150, 166,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3151, 33.7969, 5.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 166, 17) }
```

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

```
.background{ background-color: rgb(150,  
166, 17) }
```

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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