

Converting Colors

XYZ(26.8312, 40.4658, 6.8933)

Have a look what the booklet for
XYZ(26.8312, 40.4658, 6.8933)
contains.

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Color

**XYZ(26.8291, 40.5159,
6.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	7FBC10
RGB	127, 188, 16
RGB Percent	50%, 74%, 6%
CMY	0.5020, 0.2627, 0.9372
CMYK	0.32, 0.00, 0.91, 0.26
HSL	81°, 84%, 40%
HSV	81°, 91%, 74%
XYZ	26.8291, 40.5159, 6.8965
YIQ	150.1530, 18.8560, -66.4240

Conversions

Conversions Part 2

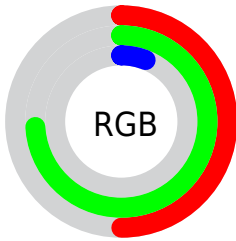
Format	Color
RYB	16, 188, 77
Decimal	8371216
CIELab	69.84, -41.99, 68.27
CIELCh	70, 80.149, 121.595
Yxy	40.5159, 0.3614, 0.5457
Android (android.graphics.Color)	4286561296 (0xFF7FBC10)
YUV	150.1530, -66.1374, -20.3052
Hunter-Lab	63.6521, -36.1542, 38.1326

Details

The XYZ color **26.8291, 40.5159, 6.8965** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **12.3252, 5.5806, 48.0069**, and the grayscale version is **29.3226, 30.8497, 33.5953**.

A 20% lighter version of the original color is **54.2602, 76.2592, 20.2472**, and **11.0509, 18.3523, 2.9599** is the 20% darker color. If you saturate the color by 10%, you get **25.9141, 40.0563, 6.3658**, and if you desaturate by 10%, it is **28.0634, 41.1296, 8.0354**.

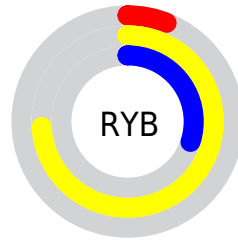
Distribution



Red (50%)

Green (74%)

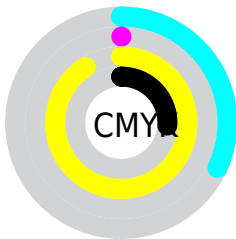
Blue (6%)



Red (6%)

Yellow (74%)

Blue (30%)

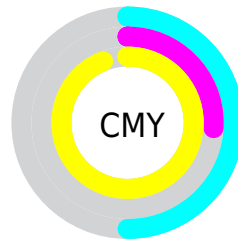


Cyan (32%)

Magenta (0%)

Yellow (91%)

Black (26%)



Cyan (50%)

Magenta (26%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8291, 40.5159, 6.8965 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 26.8291, 40.5159, 6.8965 by changing the saturation by 10% instead.

■ 26.8291, 40.5159,
6.8965

■ 26.8291, 40.5159,
6.8965

279.0114,
348.2932, 176.3991

■ 17.5808, 27.9410,
3.3200

■ 54.0313, 75.9485,
20.2740

■ 10.7473, 18.2812,
1.2603

■ 72.7160, 99.5749,
30.9121

■ 5.9632, 11.1521,
0.0289

■ 95.2769, 127.6541,
44.7411

■ 2.8632, 6.1692,
0.0000

■ 122.0793,
160.5702, 62.1796

■ 1.0818, 2.9482,
0.0000

■ 153.4886,
198.7078, 83.6461

■ 0.0098, 1.1048,
0.0000

■ 189.8701,

■ 0.0000, 0.0000,

242.4513, 109.5591

0.0000

231.5893,
292.1849, 140.3373

■ 26.8291, 40.5159,
6.8965

■ 26.8291, 40.5159,
6.8965

■ 25.9141, 40.0563,
6.3658

■ 28.0634, 41.1296,
8.0354

■ 29.5129, 41.8357,
9.9624

■ 31.2009, 42.6451,
12.7891

■ 33.1461, 43.5653,
16.6084

■ 35.3651, 44.6033,
21.5019

■ 37.8730, 45.7650,
27.5425

■ 40.6833, 47.0561,
34.7969

■ 43.8088, 48.4819,
43.3265

■ 47.2616, 50.0471,
53.1888

Harmonies

Analogous

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



37.8166, 40.5159, 4.2558



26.8291, 40.5159, 6.8965



20.4237, 40.5159, 18.0490

Triad

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



26.8291, 40.5159, 6.8965



27.7887, 40.5159, 141.9633



69.3346, 40.5159, 42.1496

Complementary

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



26.8291, 40.5159, 6.8965



12.3252, 5.5806, 48.0069

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.



64.9841, 40.5159, 87.7487



26.8291, 40.5159, 6.8965



39.2101, 40.5159, 161.5487

Square

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



26.8291, 40.5159, 6.8965



20.8836, 40.5159, 93.3290



53.1655, 40.5159, 137.6585



64.0016, 40.5159, 16.2106

Rectangle

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



26.8291, 40.5159, 6.8965



18.6779, 40.5159, 34.4459



53.1655, 40.5159, 137.6585



68.9519, 40.5159, 55.4425

Sweetspot

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



26.8300, 40.5177, 6.8974



70.6259, 83.8546, 54.9542



23.4327, 15.9273, 2.3300



14.8253, 17.8657, 10.8977



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.8300, 40.5177, 6.8974



46.6864, 72.4498, 11.5236



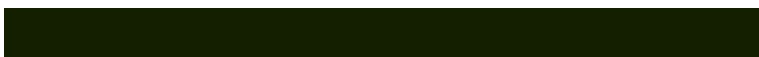
19.0250, 36.4940, 6.5321



9.9849, 10.9466, 10.1633



17.7259, 27.3139, 4.3379



0.7630, 1.1053, 0.1731

Inverse Universe

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



12.3252, 5.5806, 48.0069



20.3656, 8.5985, 86.8125



24.2052, 11.7050, 48.5629



9.3273, 9.3856, 11.9922



7.8154, 3.3151, 32.6209



0.3782, 0.1670, 1.2812

Previews

White Background



This preview shows how the XYZ color 26.8291, 40.5159, 6.8965 looks on a white background.

Color Contrast Check

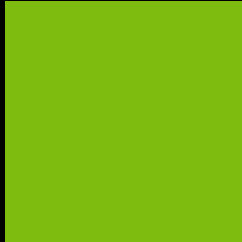
Large Text (above 18pt) WCAG AA × Fail

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 26.8291, 40.5159, 6.8965 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 26.8291, 40.5159, 6.8965

Background



This preview shows how black text looks on a background with the XYZ color 26.8291, 40.5159, 6.8965.



This preview shows how white text looks on a background with the XYZ color 26.8291, 40.5159,

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

26.8291, 40.5159, 6.8965

Protanopia

36.1239, 39.9603, 5.8666

Deuteranopia

40.8426, 39.9324, 7.4745



Tritanopia

36.3693, 40.4451, 54.0339

Trichromacy



Original Color

26.8291, 40.5159, 6.8965

Protanomaly

31.9089, 39.7845, 6.1984

Deuteranomaly

34.1016, 39.1698, 7.0595

Tritanomaly

30.7346, 39.6378, 25.7696

Monochromacy



Original Color

26.8291, 40.5159, 6.8965

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

26.7798, 33.2413, 17.3167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8291, 40.5159, 6.8965 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(127, 188, 16)` looks like.

```
.text, #text, p{  
    color:rgb(127, 188, 16)  
}
```

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(127, 188, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 188, 16) }
```

Border

The CSS property to change the border of an element to XYZ 26.8291, 40.5159, 6.8965 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(127, 188, 16) }
```


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

```
.border{ border-color:rgb(127, 188, 16) }
```

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

Here you see how a box with a 4 pixel rgb(127, 188, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 188, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 188, 16);  
box-shadow:4px 4px 4px 4px rgb(127, 188,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8291, 40.5159, 6.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 188, 16) }
```

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

```
.background{ background-color: rgb(127,  
188, 16) }
```

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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