

Converting Colors

XYZ(26.3516, 38.0276, 11.3585)

Have a look what the booklet for
XYZ(26.3516, 38.0276, 11.3585)
contains.

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Color

**XYZ(26.3197, 37.9771,
11.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB544
RGB	127, 181, 68
RGB Percent	50%, 71%, 27%
CMY	0.5020, 0.2902, 0.7333
CMYK	0.30, 0.00, 0.62, 0.29
HSL	89°, 45%, 49%
HSV	89°, 62%, 71%
XYZ	26.3197, 37.9771, 11.4120
YIQ	151.9720, 4.0890, -46.5910

Conversions

Conversions Part 2

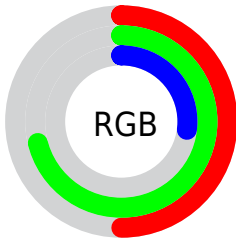
Format	Color
RYB	68, 181, 122
Decimal	8369476
CIELab	68.00, -36.19, 50.54
CIElCh	68, 62.156, 125.603
Yxy	37.9771, 0.3476, 0.5016
Android (android.graphics.Color)	4286559556 (0xFF7FB544)
YUV	151.9720, -41.3982, -21.9004
Hunter-Lab	61.6256, -31.6091, 32.1584

Details

The XYZ color **26.3197, 37.9771, 11.4120** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **18.4353, 11.6091, 44.9873**, and the grayscale version is **30.0057, 31.5683, 34.3779**.

A 20% lighter version of the original color is **53.2638, 72.0161, 29.1824**, and **10.5107, 16.8723, 2.9324** is the 20% darker color. If you saturate the color by 10%, you get **24.6171, 37.1549, 8.8808**, and if you desaturate by 10%, it is **28.3053, 38.9279, 14.8481**.

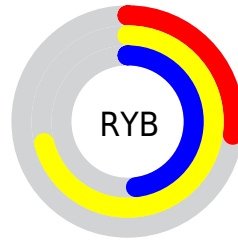
Distribution



Red (50%)

Green (71%)

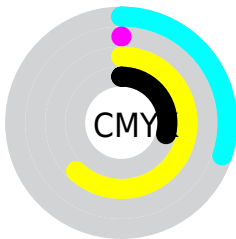
Blue (27%)



Red (27%)

Yellow (71%)

Blue (48%)

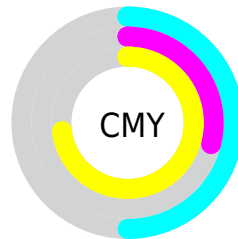


Cyan (30%)

Magenta (0%)

Yellow (62%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3197, 37.9771, 11.4120 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 26.3197, 37.9771, 11.4120 by changing the saturation by 10% instead.

■ 26.3197, 37.9771,
11.4120

■ 26.3197, 37.9771,
11.4120

276.5760,
337.5217, 211.3106

■ 17.1969, 25.9649,
6.2270

■ 53.2179, 72.0730,
29.0678

■ 10.4711, 16.7974,
2.9126

■ 71.7240, 94.9256,
42.3756

■ 5.7771, 10.0901,
1.0502

■ 94.0885, 122.1604,
59.2282

■ 2.7494, 5.4588,
0.0000

■ 120.6769,
154.1618, 80.0440

■ 1.0227, 2.5189,
0.0000

■ 151.8545,
191.3142, 105.2416

■ 0.0000, 0.8861,
0.0000

187.9867,

■ 0.0000, 0.0000,

234.0021, 135.2396

0.0000

229.4387,
282.6098, 170.4564

■ 26.3197, 37.9771,
11.4120

■ 26.3197, 37.9771,
11.4120

■ 24.6171, 37.1549,
8.8808

■ 28.3053, 38.9279,
14.8481

■ 23.1758, 36.4483,
7.1662

■ 30.5880, 40.0094,
19.2616

■ 21.9743, 35.8498,
6.1665

■ 33.1841, 41.2296,
24.7207

■ 21.1923, 35.4556,
5.7267

■ 36.1077, 42.5944,
31.2864

■ 39.3719, 44.1095,
39.0153

■ 42.9890, 45.7800,
47.9600

■ 46.9707, 47.6108,
58.1700

■ 51.3281, 49.6066,
69.6920

■ 56.0716, 51.7718,
82.5702

Harmonies

Analogous

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



34.3114, 37.9771, 7.7752



26.3197, 37.9771, 11.4120



21.6757, 37.9771, 23.0284

Triad

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



26.3197, 37.9771, 11.4120



28.9494, 37.9771, 111.2517



57.9368, 37.9771, 36.3674

Complementary

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



26.3197, 37.9771, 11.4120



18.4353, 11.6091, 44.9873

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.



55.8096, 37.9771, 67.4689



26.3197, 37.9771, 11.4120



37.9416, 37.9771, 120.1844

Square

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



26.3197, 37.9771, 11.4120



22.9934, 37.9771, 80.7317



48.0355, 37.9771, 101.4966



53.4178, 37.9771, 17.4560

Rectangle

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



26.3197, 37.9771, 11.4120



20.5531, 37.9771, 37.4020



48.0355, 37.9771, 101.4966



57.9835, 37.9771, 45.5678

Sweetspot

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



26.3206, 37.9788, 11.4128



66.4181, 77.0974, 60.1108



26.9059, 23.8525, 8.6553



14.0117, 16.5037, 12.1917



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.3206, 37.9788, 11.4128



43.0465, 66.0328, 14.5670



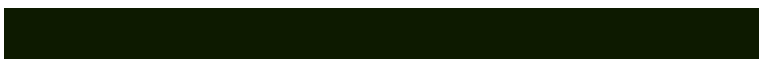
20.2235, 34.8356, 11.1275



8.7981, 9.7010, 9.0613



14.6894, 24.4827, 3.9514



0.5291, 0.8048, 0.1275

Inverse Universe

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



18.4353, 11.6091, 44.9873



27.7660, 14.8834, 79.7040



28.5938, 16.8460, 45.4627



8.4154, 8.4227, 10.6885



8.5065, 3.7211, 30.4069



0.3352, 0.1519, 0.9599

Previews

White Background



This preview shows how the XYZ color 26.3197, 37.9771, 11.4120 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 26.3197, 37.9771, 11.4120 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 26.3197, 37.9771, 11.4120

Background



This preview shows how black text looks on a background with the XYZ color 26.3197, 37.9771, 11.4120.



This preview shows how white text looks on a background with the XYZ color 26.3197, 37.9771,

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

26.3197, 37.9771, 11.4120

Protanopia

34.1477, 37.4708, 10.2833

Deuteranopia

38.2288, 37.4593, 11.8721



Tritanopia

34.2497, 38.0080, 50.3309

Trichromacy



Original Color

26.3197, 37.9771, 11.4120

Protanomaly

30.6213, 37.2940, 10.5856

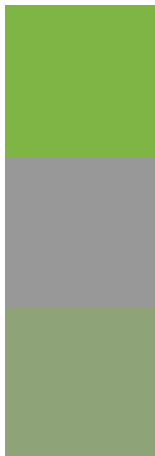
Deuteranomaly

32.7104, 36.9704, 11.5429

Tritanomaly

30.2603, 37.5136, 30.8453

Monochromacy



Original Color

26.3197, 37.9771, 11.4120

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

27.8761, 33.4145, 23.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3197, 37.9771, 11.4120 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, 181, 68)` looks like.

```
.text, #text, p{  
    color:rgb(127, 181, 68)  
}
```

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, 181, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 181, 68) }
```

Border

The CSS property to change the border of an element to XYZ 26.3197, 37.9771, 11.4120 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, 181, 68) }
```


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

```
.border{ border-color:rgb(127, 181, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 181, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 181, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 181, 68);  
box-shadow:4px 4px 4px 4px rgb(127, 181,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3197, 37.9771, 11.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 181, 68) }
```

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

```
.background{ background-color: rgb(127,  
181, 68) }
```

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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