

Converting Colors

XYZ(27.2637, 39.4642, 11.4048)

Have a look what the booklet for
XYZ(27.2637, 39.4642, 11.4048)
contains.

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Color

**XYZ(27.1771, 39.3415,
11.3155)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 81B842 |
| RGB | 129, 184, 66 |
| RGB Percent | 51%, 72%, 26% |
| CMY | 0.4941, 0.2784, 0.7412 |
| CMYK | 0.30, 0.00, 0.64, 0.28 |
| HSL | 88°, 47%, 49% |
| HSV | 88°, 64%, 72% |
| XYZ | 27.1771, 39.3415, 11.3155 |
| YIQ | 154.1030, 5.0980, -48.3580 |

Conversions

Conversions Part 2

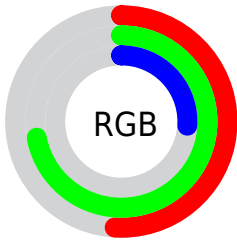
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 66, 184, 121 |
| Decimal | 8501314 |
| CIELab | 69.00, -36.97, 52.52 |
| CIElCh | 69, 64.225, 125.143 |
| Yxy | 39.3415, 0.3492, 0.5055 |
| Android (android.graphics.Color) | 4286691394 (0xFF81B842) |
| YUV | 154.1030, -43.4348, -22.0153 |
| Hunter-Lab | 62.7228, -32.4228, 33.2098 |

Details

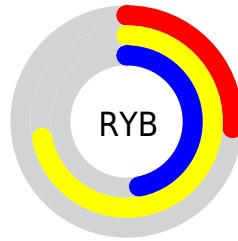
The XYZ color **27.1771, 39.3415, 11.3155** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **18.4869, 11.4232, 46.5803**, and the grayscale version is **30.9446, 32.5561, 35.4536**.

A 20% lighter version of the original color is **54.4974, 73.9664, 28.8574**, and **11.0289, 17.7328, 2.8989** is the 20% darker color. If you saturate the color by 10%, you get **25.4712, 38.5162, 8.8454**, and if you desaturate by 10%, it is **29.1688, 40.2964, 14.7113**.

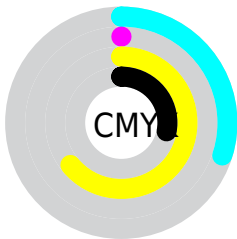
Distribution



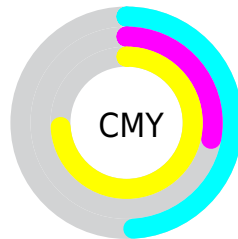
- Red (51%)
- Green (72%)
- Blue (26%)



- Red (26%)
- Yellow (72%)
- Blue (47%)



- Cyan (30%)
- Magenta (0%)
- Yellow (64%)
- Black (28%)



- Cyan (49%)
- Magenta (28%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1771, 39.3415, 11.3155 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 27.1771, 39.3415, 11.3155 by changing the saturation by 10% instead.

■ 27.1771, 39.3415,
11.3155

■ 27.1771, 39.3415,
11.3155

280.6655,
343.3402, 210.6340

■ 17.8436, 27.0255,
6.1626

■ 54.5858, 74.1597,
28.8876

■ 10.9367, 17.5924,
2.8738

■ 73.3917, 97.4307,
42.1440

■ 6.0913, 10.6577,
1.0306

■ 96.0857, 125.1222,
58.9386

■ 2.9419, 5.8372,
0.0000

■ 123.0332,
157.6185, 79.6899

■ 1.1231, 2.7463,
0.0000

■ 154.5996,
195.3041, 104.8166

■ 0.0443, 1.0008,
0.0000

191.1502,

■ 0.0000, 0.0000,

238.5633, 134.7372

0.0000

233.0504,
287.7805, 169.8701

■ 27.1771, 39.3415,
11.3155

■ 27.1771, 39.3415,
11.3155

■ 25.4712, 38.5162,
8.8454

■ 29.1688, 40.2964,
14.7113

■ 24.0281, 37.8071,
7.2067

■ 31.4612, 41.3832,
19.1101

■ 22.8250, 37.2059,
6.2891

■ 34.0711, 42.6102,
24.5839

■ 22.2035, 36.8924,
5.9507

■ 37.0133, 43.9837,
31.1974

■ 40.3015, 45.5092,
39.0103

■ 43.9483, 47.1923,
48.0779

■ 47.9659, 49.0380,
58.4523

■ 52.3657, 51.0511,
70.1824

■ 57.1586, 53.2362,
83.3148

Harmonies

Analogous

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



35.6576, 39.3415, 7.6652



27.1771, 39.3415, 11.3155



22.2373, 39.3415, 23.2557

Triad

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



27.1771, 39.3415, 11.3155



29.7208, 39.3415, 116.9524



60.5974, 39.3415, 37.9832

Complementary

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



27.1771, 39.3415, 11.3155



18.4869, 11.4232, 46.5803

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.



58.2249, 39.3415, 71.1391



27.1771, 39.3415, 11.3155



39.1836, 39.3415, 126.9745

Square

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



27.1771, 39.3415, 11.3155



23.5074, 39.3415, 84.1206



49.8932, 39.3415, 107.3646



55.8885, 39.3415, 17.9081

Rectangle

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



27.1771, 39.3415, 11.3155



21.0218, 39.3415, 38.2427



49.8932, 39.3415, 107.3646



60.6092, 39.3415, 47.7836

Sweetspot

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



27.1780, 39.3432, 11.3164



69.8815, 81.0239, 63.0875



27.3608, 23.8026, 8.3071



14.7062, 17.3004, 12.7548



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.1780, 39.3432, 11.3164



45.0274, 69.2580, 14.6259



20.7901, 36.0501, 11.0174



9.3358, 10.2898, 9.6010



15.3841, 25.4671, 4.1048



0.6130, 0.9342, 0.1480

Inverse Universe

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



18.4869, 11.4232, 46.5803



28.0688, 14.6955, 83.5617



28.9846, 16.8350, 47.0716



8.9084, 8.9191, 11.3315



8.6732, 3.7824, 31.5260



0.3773, 0.1702, 1.1147

Previews

White Background



This preview shows how the XYZ color 27.1771, 39.3415, 11.3155 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 27.1771, 39.3415, 11.3155 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 27.1771, 39.3415, 11.3155

Background



This preview shows how black text looks on a background with the XYZ color 27.1771, 39.3415, 11.3155.



This preview shows how white text looks on a background with the XYZ color 27.1771, 39.3415,

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

27.1771, 39.3415, 11.3155

Protanopia

35.3656, 38.9179, 10.2054

Deuteranopia

39.8193, 39.0459, 11.9165



Tritanopia

35.2925, 39.0700, 52.1355

Trichromacy



Original Color

27.1771, 39.3415, 11.3155

Protanomaly

31.7591, 38.7380, 10.5059

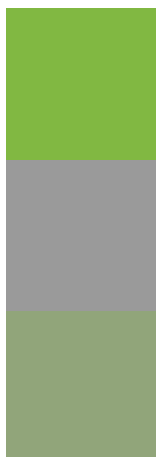
Deuteranomaly

33.9157, 38.4146, 11.5884

Tritanomaly

31.0553, 38.4926, 31.3842

Monochromacy



Original Color

27.1771, 39.3415, 11.3155

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

28.6450, 34.3351, 23.5299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1771, 39.3415, 11.3155 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(129, 184, 66)` looks like.

```
.text, #text, p{  
    color:rgb(129, 184, 66)  
}
```

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(129, 184, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 184, 66) }
```

Border

The CSS property to change the border of an element to XYZ 27.1771, 39.3415, 11.3155 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(129, 184, 66) }
```


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

```
.border{ border-color:rgb(129, 184, 66) }
```

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

Here you see how a box with a 4 pixel rgb(129, 184, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 184, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 184, 66);  
box-shadow:4px 4px 4px 4px rgb(129, 184,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1771, 39.3415, 11.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 184, 66) }
```

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

```
.background{ background-color: rgb(129,  
184, 66) }
```

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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