

Converting Colors

XYZ(27.1018, 39.2660, 13.0249)

Have a look what the booklet for
XYZ(27.1018, 39.2660, 13.0249)
contains.

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Color

**XYZ(27.0492, 39.2384,
12.9856)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB84C
RGB	126, 184, 76
RGB Percent	49%, 72%, 30%
CMY	0.5059, 0.2784, 0.7019
CMYK	0.32, 0.00, 0.59, 0.28
HSL	92°, 43%, 51%
HSV	92°, 59%, 72%
XYZ	27.0492, 39.2384, 12.9856
YIQ	154.3460, 0.1000, -45.8840

Conversions

Conversions Part 2

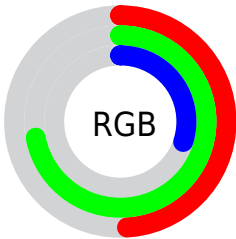
Format	Color
RYB	76, 184, 134
Decimal	8304716
CIELab	68.92, -37.17, 47.97
CIELCh	69, 60.687, 127.766
Yxy	39.2384, 0.3412, 0.4950
Android (android.graphics.Color)	4286494796 (0xFF7EB84C)
YUV	154.3460, -38.6246, -24.8594
Hunter-Lab	62.6406, -32.5418, 31.5574

Details

The XYZ color **27.0492, 39.2384, 12.9856** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **21.0694, 13.6991, 46.8833**, and the grayscale version is **31.0328, 32.6489, 35.5547**.

A 20% lighter version of the original color is **54.3478, 73.8238, 31.8071**, and **10.7999, 17.4009, 3.5486** is the 20% darker color. If you saturate the color by 10%, you get **25.1131, 38.3052, 10.0202**, and if you desaturate by 10%, it is **29.3141, 40.3224, 16.9229**.

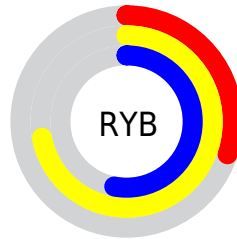
Distribution



Red (49%)

Green (72%)

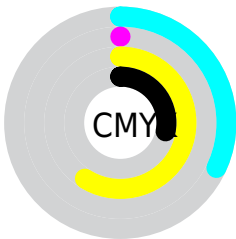
Blue (30%)



Red (30%)

Yellow (72%)

Blue (53%)

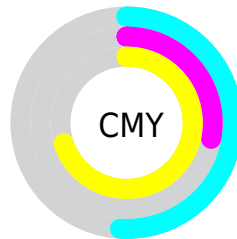


Cyan (32%)

Magenta (0%)

Yellow (59%)

Black (28%)



Cyan (51%)


Magenta (28%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0492, 39.2384, 12.9856 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 27.0492, 39.2384, 12.9856 by changing the saturation by 10% instead.


 27.0492, 39.2384,
12.9856


 27.0492, 39.2384,
12.9856


280.0585,
342.9030, 222.0299


 17.7470, 26.9452,
7.2880


 54.3821, 74.0024,
31.9687

 10.8671, 17.5321,
3.5617


 73.1435, 97.2420,
46.0913


 6.0441, 10.6146,
1.3881


 95.7887, 124.8992,
63.8594

 2.9129, 5.8083,
0.1324

 122.6830,
157.3584, 85.6914

 1.1078, 2.7289,
0.0000

 154.1918,
195.0040, 112.0059

 0.0317, 0.9919,
0.0000

190.6804,

 0.0000, 0.0000,

238.2203, 143.2215

0.0000

232.5141,
287.3919, 179.7567

■ 27.0492, 39.2384,
12.9856

■ 27.0492, 39.2384,
12.9856

■ 25.1131, 38.3052,
10.0202

■ 29.3141, 40.3224,
16.9229

■ 23.4828, 37.5091,
7.9394

■ 31.9232, 41.5599,
21.9043

■ 22.1360, 36.8420,
6.6444

■ 34.8940, 42.9596,
27.9983

■ 21.0357, 36.2888,
5.9647

■ 38.2419, 44.5281,
35.2668

■ 20.9041, 36.2224,
5.8899

■ 41.9814, 46.2716,
43.7669

■ 46.1260, 48.1959,
53.5524

■ 50.6885, 50.3066,
64.6734

■ 55.6814, 52.6089,
77.1778

■ 61.1162, 55.1079,
91.1107

Harmonies

Analogous

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



34.8443, 39.2384, 8.7448



27.0492, 39.2384, 12.9856



22.6251, 39.2384, 25.6101

Triad

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



27.0492, 39.2384, 12.9856



30.7071, 39.2384, 113.1753



58.8584, 39.2384, 35.9403

Complementary

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



27.0492, 39.2384, 12.9856



21.0694, 13.6991, 46.8833

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.



57.2345, 39.2384, 66.1430



27.0492, 39.2384, 12.9856



39.8579, 39.2384, 119.9352

Square

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



27.0492, 39.2384, 12.9856



24.4692, 39.2384, 84.2157



49.8475, 39.2384, 99.9816



53.9642, 39.2384, 17.7491

Rectangle

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



27.0492, 39.2384, 12.9856



21.6609, 39.2384, 40.6861



49.8475, 39.2384, 99.9816



59.0701, 39.2384, 44.8287

Sweetspot

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



27.0501, 39.2401, 12.9865



69.5739, 80.8339, 64.4914



29.5431, 27.6535, 10.6186



14.6027, 17.2409, 13.0266



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.



27.0501, 39.2401, 12.9865



44.7401, 69.0552, 17.0864



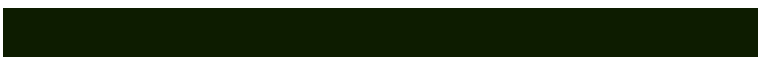
21.5554, 36.3926, 13.4012



9.2749, 10.2583, 9.5981



14.4863, 25.0042, 4.0628



0.5822, 0.9183, 0.1466

Inverse Universe

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



21.0694, 13.6991, 46.8833



32.9005, 18.5805, 84.0570



30.6322, 18.6719, 45.3856



8.9694, 8.9506, 11.3343



9.5779, 4.2488, 31.5684



0.4083, 0.1862, 1.1162

Previews

White Background



This preview shows how the XYZ color 27.0492, 39.2384, 12.9856 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 27.0492, 39.2384, 12.9856 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 27.0492, 39.2384, 12.9856

Background



This preview shows how black text looks on a background with the XYZ color 27.0492, 39.2384, 12.9856.



This preview shows how white text looks on a background with the XYZ color 27.0492, 39.2384,

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

27.0492, 39.2384, 12.9856

Protanopia

35.3897, 38.8993, 11.6043

Deuteranopia

39.4131, 38.5426, 13.5458



Tritanopia

34.9618, 39.1831, 52.1748

Trichromacy



Original Color

27.0492, 39.2384, 12.9856

Protanomaly

31.6485, 38.6457, 12.0946

Deuteranomaly

33.5821, 37.9316, 13.1410

Tritanomaly

31.0638, 38.7538, 33.0371

Monochromacy



Original Color

27.0492, 39.2384, 12.9856

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

28.7226, 34.3459, 24.8542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0492, 39.2384, 12.9856 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(126, 184, 76)` looks like.

```
.text, #text, p{  
    color:rgb(126, 184, 76)  
}
```

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(126, 184, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 184, 76) }
```

Border

The CSS property to change the border of an element to XYZ 27.0492, 39.2384, 12.9856 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(126, 184, 76) }
```


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

```
.border{ border-color:rgb(126, 184, 76) }
```

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

Here you see how a box with a 4 pixel rgb(126, 184, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 184, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 184, 76);  
box-shadow:4px 4px 4px 4px rgb(126, 184,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0492, 39.2384, 12.9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 184, 76) }
```

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

```
.background{ background-color: rgb(126,  
184, 76) }
```

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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