

Converting Colors

YUV(122.3690, -60.3279,
-16.9866)

Have a look what the booklet for
YUV(122.3690, -60.3279, -16.9866)
contains.

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Color

**YUV(122.3690, -60.3279,
-16.9866)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 679C00 |
| RGB | 103, 156, 0 |
| RGB Percent | 40%, 61%, 0% |
| CMY | 0.5961, 0.3882, 1.0000 |
| CMYK | 0.34, 0.00, 1.00, 0.39 |
| HSL | 80°, 100%, 31% |
| HSV | 80°, 100%, 61% |
| XYZ | 17.4820, 26.6605, 4.2246 |
| YIQ | 122.3690, 18.4880, -59.7520 |

Conversions

Conversions Part 2

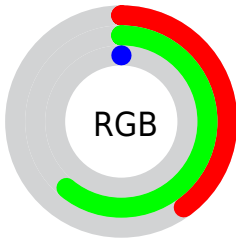
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 156, 53 |
| Decimal | 6790144 |
| CIELab | 58.66, -37.45, 61.01 |
| CIElCh | 59, 71.593, 121.544 |
| Yxy | 26.6605, 0.3614, 0.5512 |
| Android (android.graphics.Color) | 4284980224 (0xFF679C00) |
| YUV | 122.3690, -60.3279, -16.9866 |
| Hunter-Lab | 51.6338, -29.9233, 31.2927 |

Details

The YUV color **122.3690, -60.3279, -16.9866** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **33.6310, 60.3279, 16.9866**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6060, -53.0498, -18.0715**, and **75.1010, -37.0248, -24.6446** is the 20% darker color. If you saturate the color by 10%, you get **122.3690, -60.3279, -16.9866**, and if you desaturate by 10%, it is **125.6880, -54.0762, -15.5124**.

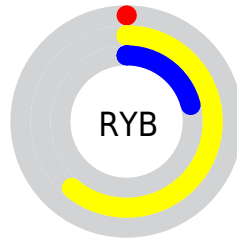
Distribution



Red (40%)

Green (61%)

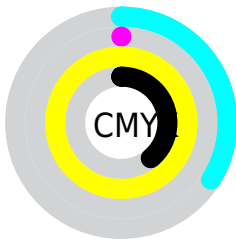
Blue (0%)



Red (0%)

Yellow (61%)

Blue (21%)

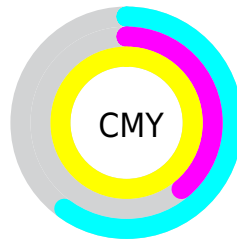


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (60%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3690, -60.3279, -16.9866 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 YUV color 122.3690, -60.3279, -16.9866 by changing the saturation by 10% instead.

■ 122.3690,
-60.3279, -16.9866

■ 122.3690,
-60.3279, -16.9866

■ 255.0000, 0.0000,
0.0000

■ 98.7350, -48.6764,
-20.8156

■ 179.6060,
-53.0498, -18.0715

■ 75.1010, -37.0248,
-24.6446

■ 207.4920,
-53.4866, -17.9715

■ 50.8470, -25.0676,
-33.1918

■ 229.0460,
-50.3087, -10.5643

■ 32.8720, -16.2059,
-28.8287

■ 240.7950,
-42.7899, 4.5648

■ 21.1320, -10.4181,
-18.5328


■ 246.6780,
-31.8863, 7.2984


■ 0.0000, 0.0000,
0.0000


■ 249.9840,


-19.2191, 4.3990


 253.2900, -6.5520,
1.4997


 122.3690,
-60.3279, -16.9866

 125.6880,
-54.0762, -15.5124

 129.1920,
-48.4087, -13.3234

 132.5110,
-42.1569, -11.8491

 135.7160,
-36.3420, -10.2749

 139.3340,
-30.2377, -8.1859

■ 142.6530,
-23.9859, -6.7117

■ 145.8580,
-18.1710, -5.1375

■ 149.1770,
-11.9193, -3.6632

■ 152.6810, -6.2517,
-1.4742

Harmonies

Analogous

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



131.5260, -64.8423, 31.1107



122.3690, -60.3279, -16.9866



105.6330, -14.1161, -92.6401

Triad

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



122.3690, -60.3279, -16.9866



124.2950, 62.4656, -109.0067



132.5010, 4.1900, 103.0466

Complementary

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



122.3690, -60.3279, -16.9866



33.6310, 60.3279, 16.9866

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.



141.6270, 29.7639, 66.9791



122.3690, -60.3279, -16.9866



115.9460, 68.5536, -101.6846

Square

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



122.3690, -60.3279, -16.9866



122.5730, 40.6365, -107.4965



143.0450, 52.2358, -0.9165



132.4550, -26.3533, 99.5790

Rectangle

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



122.3690, -60.3279, -16.9866



112.4100, 4.2349, -98.5836



143.0450, 52.2358, -0.9165



135.1500, 13.2371, 94.5845

Sweetspot

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



122.3690, -60.3279, -16.9866



190.7670, -23.5491, -6.8117



77.1680, -38.0438, 69.1357



94.1940, -14.3926, -3.6781



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



122.3690, -60.3279, -16.9866



160.1130, -78.9357, -22.0241



99.3460, -48.9776, -64.3244



77.1910, -3.0522, -1.0445



112.0470, -55.2392, -15.8272



11.7950, -5.8149, -1.5742

Inverse Universe

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



33.6310, 60.3279, 16.9866



43.8870, 78.9357, 22.0241



56.6540, 48.9776, 64.3244



72.8090, 3.0522, 1.0445



30.9530, 55.2392, 15.8272



3.2050, 5.8149, 1.5742

Previews

White Background



This preview shows how the YUV color 122.3690, -60.3279, -16.9866 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.3690, -60.3279, -16.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

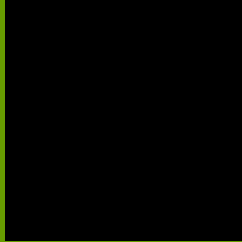
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.3690, -60.3279, -16.9866 Background



This preview shows how black text looks on a background with the YUV color 122.3690, -60.3279, -16.9866.



This preview shows how white text looks on a background with the YUV color 122.3690, -60.3279, -16.9866.

-16.9866.

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

122.3690, -60.3279, -16.9866

Protanopia

130.3080, -64.2418, 25.1629

Deuteranopia

134.4140, -51.4761, 37.3479



Tritanopia

138.5940, 9.0742, -17.1839

Trichromacy



Original Color

122.3690, -60.3279, -16.9866

Protanomaly

127.2630, -62.7407, 10.2933

Deuteranomaly

129.7830, -54.6160, 17.7303

Tritanomaly

132.6500, -16.0965, -17.2331

Monochromacy



Original Color

122.3690, -60.3279, -16.9866

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9350, -21.6600, -6.0820

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3690, -60.3279, -16.9866 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(103, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(103, 156, 0)  
}
```

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(103, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 156, 0) }
```

Border

The CSS property to change the border of an element to YUV 122.3690, -60.3279, -16.9866 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(103, 156, 0) }
```


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

```
.border{ border-color:rgb(103, 156, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 156, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(103, 156,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 122.3690, -60.3279, -16.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 156, 0) }
```

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

```
.background{ background-color: rgb(103,  
156, 0) }
```

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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