

Converting Colors

YUV(122.8690, 35.5606,
-19.1791)

Have a look what the booklet for
YUV(122.8690, 35.5606, -19.1791)
contains.

YUV(122.8690, 35.5606, -19.1791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(122.8690, 35.5606,
-19.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	6578C3
RGB	101, 120, 195
RGB Percent	40%, 47%, 76%
CMY	0.6039, 0.5294, 0.2353
CMYK	0.48, 0.38, 0.00, 0.24
HSL	228°, 44%, 58%
HSV	228°, 48%, 76%
XYZ	21.9336, 20.1398, 54.3611
YIQ	122.8690, -35.3990, 19.2970

Conversions

Conversions Part 2

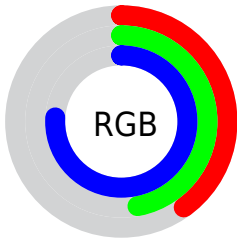
Format	Color
R _Y B	101, 117, 195
Decimal	6650051
CIE Lab	51.99, 13.60, -41.43
CIE LCh	52, 43.606, 288.179
Yxy	20.1398, 0.2274, 0.2088
Android (android.graphics.Color)	4284840131 (0xFF6578C3)
YUV	122.8690, 35.5606, -19.1791
Hunter-Lab	44.8774, 8.7058, -40.4053

Details

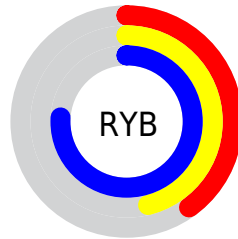
The YUV color **122.8690, 35.5606, -19.1791** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **173.1310, -35.5606, 19.1791**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3360, 37.3024, -17.8347**, and **71.4940, 34.2665, -24.1122** is the 20% darker color. If you saturate the color by 10%, you get **107.4970, 43.1390, -23.2379**, and if you desaturate by 10%, it is **138.2410, 27.9822, -15.1204**.

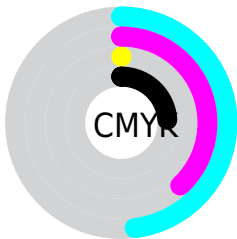
Distribution



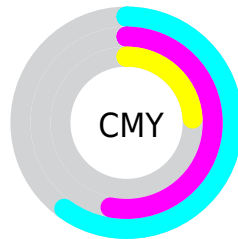
- Red (40%)
- Green (47%)
- Blue (76%)



- Red (40%)
- Yellow (46%)
- Blue (76%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8690, 35.5606, -19.1791 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 122.8690, 35.5606, -19.1791 by changing the saturation by 10% instead.

■ 122.8690, 35.5606,
-19.1791

■ 122.8690, 35.5606,
-19.1791

■ 255.0000, 0.0000,
0.0000

■ 96.7440, 35.1292,
-20.8235

■ 176.3360, 37.3024,
-17.8347

■ 71.4940, 34.2665,
-24.1122

■ 201.1980, 26.5244,
-14.2056

■ 43.0580, 35.4674,
-36.0079

■ 226.3050, 14.1466,
-10.7915

■ 27.2830, 30.9195,
-23.9272

■ 251.4120, 1.7689,
-7.3773

■ 9.2850, 27.9605,
-8.1429

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 122.8690, 35.5606,
-19.1791

■ 122.8690, 35.5606,
-19.1791

■ 107.4970, 43.1390,
-23.2379

■ 138.2410, 27.9822,
-15.1204

■ 93.0110, 50.2806,
-27.1966

■ 152.7270, 20.8406,
-11.1616

■ 77.9380, 57.7116,
-30.6406

■ 167.8000, 13.4096,
-7.7176

■ 63.1530, 65.0006,
-35.2142

■ 182.5850, 6.1206,
-3.1440

■ 48.0800, 72.4316,
-38.6582

■ 197.6580, -1.3104,
0.2999

■ 45.1230, 73.8894,
-39.5729

■ 212.4430, -8.5994,
4.8735

■ 227.8150,
-16.1778, 8.9322

■ 241.7030,
-23.0246, 11.6615

■ 248.1600,
-26.2079, 5.9987

Harmonies

Analogous

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



99.9420, 47.8496, -87.6491



122.8690, 35.5606, -19.1791



127.8160, 22.7687, 23.8404

Triad

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



122.8690, 35.5606, -19.1791



123.1580, -26.2069, 52.4814



95.5520, 5.6439, -83.7991

Complementary

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



122.8690, 35.5606, -19.1791



173.1310, -35.5606, 19.1791

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.



112.5470, -19.9897, -28.5437



122.8690, 35.5606, -19.1791



121.5070, -35.7460, 32.0044

Square

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



122.8690, 35.5606, -19.1791



124.3390, -10.5201, 61.0927



118.0860, -34.0594, 4.3096



100.5850, 22.3896, -88.2130

Rectangle

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



122.8690, 35.5606, -19.1791



127.0160, 12.8101, 44.7130



118.0860, -34.0594, 4.3096



104.3610, -4.6150, -59.9526

Sweetspot

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



122.8690, 35.5606, -19.1791



225.0990, 13.2622, -7.1028



164.6140, 5.1203, -55.7895



110.8560, 8.4520, -4.2587



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



122.8690, 35.5606, -19.1791



140.2540, 55.0908, -30.0408



119.7890, 37.0790, 7.2010



89.3140, 3.7892, -2.0294



37.1380, 61.0640, -32.5700



7.8710, 12.3886, -6.9029

Inverse Universe

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



131.2720, -5.5571, 55.8895



153.0740, -8.4175, 86.7581



176.2110, -37.0790, -7.2010



90.2180, -0.6005, 5.9478



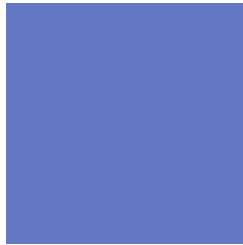
51.7870, -9.7550, 95.7798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 122.8690, 35.5606, -19.1791 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 122.8690, 35.5606, -19.1791 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 122.8690, 35.5606, -19.1791 Background



This preview shows how black text looks on a background with the YUV color 122.8690, 35.5606, -19.1791.



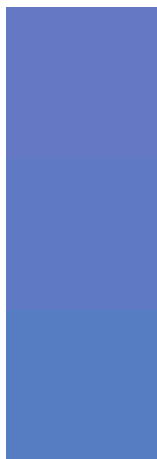
This preview shows how white text looks on a background with the YUV color 122.8690, 35.5606, -19.1791.

-19.1791.

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

122.8690, 35.5606, -19.1791

Protanopia

121.7760, 36.5924, -23.4826

Deuteranopia

120.6180, 36.1773, -30.3600



Tritanopia

118.5000, 11.5855, -29.3795

Trichromacy



Original Color

122.8690, 35.5606, -19.1791

Protanomaly

122.3740, 36.2976, -22.2530

Deuteranomaly

121.5260, 35.7297, -26.7713

Tritanomaly

120.1120, 20.1578, -25.5312

Monochromacy



Original Color

122.8690, 35.5606, -19.1791

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9850, 12.8254, -7.0028

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8690, 35.5606, -19.1791 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(101, 120, 195)` looks like.

```
.text, #text, p{  
    color:rgb(101, 120, 195)  
}
```

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(101, 120, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 120, 195) }
```

Border

The CSS property to change the border of an element to YUV 122.8690, 35.5606, -19.1791 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(101, 120, 195) }
```


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

```
.border{ border-color:rgb(101, 120, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 120, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 120, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 120, 195);  
box-shadow:4px 4px 4px 4px rgb(101, 120,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 122.8690, 35.5606, -19.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 120, 195) }
```

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

```
.background{ background-color: rgb(101,  
120, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor