

Converting Colors

YUV(121.1690, 27.0317,
-36.9822)

Have a look what the booklet for
YUV(121.1690, 27.0317, -36.9822)
contains.

YUV(121.1690, 27.0317, -36.9822)	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(121.1690, 27.0317,
-36.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	4F84B0
RGB	79, 132, 176
RGB Percent	31%, 52%, 69%
CMY	0.6902, 0.4824, 0.3098
CMYK	0.55, 0.25, 0.00, 0.31
HSL	207°, 38%, 50%
HSV	207°, 55%, 69%
XYZ	19.3122, 21.2994, 44.1676
YIQ	121.1690, -45.7120, 2.4480

Conversions

Conversions Part 2

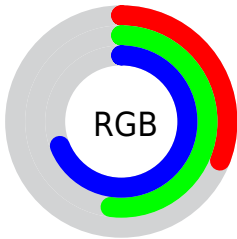
Format	Color
RYB	79, 113, 176
Decimal	5211312
CIELab	53.28, -4.66, -28.61
CIELCh	53, 28.987, 260.757
Yxy	21.2994, 0.2278, 0.2512
Android (android.graphics.Color)	4283401392 (0xFF4F84B0)
YUV	121.1690, 27.0317, -36.9822
Hunter-Lab	46.1513, -6.0706, -24.4358

Details

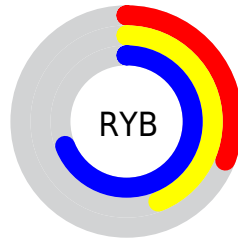
The YUV color **121.1690, 27.0317, -36.9822** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **133.8310, -27.0317, 36.9822**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1090, 28.0473, -36.0526**, and **66.3310, 27.9378, -47.6483** is the 20% darker color. If you saturate the color by 10%, you get **111.0910, 32.0001, -43.9298**, and if you desaturate by 10%, it is **131.2470, 22.0632, -30.0346**.

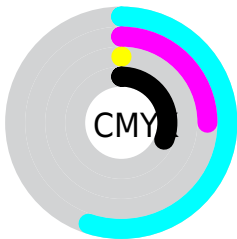
Distribution



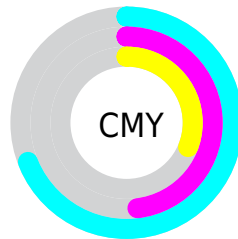
- Red (31%)
- Green (52%)
- Blue (69%)



- Red (31%)
- Yellow (44%)
- Blue (69%)



- Cyan (55%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1690, 27.0317, -36.9822 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 121.1690, 27.0317, -36.9822 by changing the saturation by 10% instead.

■ 121.1690, 27.0317,
-36.9822

■ 121.1690, 27.0317,
-36.9822

■ 255.0000, 0.0000,
0.0000

■ 94.7450, 26.7477,
-39.2414

■ 175.1090, 28.0473,
-36.0526

■ 66.3310, 27.9378,
-47.6483

■ 202.5390, 25.8633,
-35.5527

■ 46.3920, 25.4427,
-40.6858

■ 227.6460, 13.4855,
-32.1385

■ 30.7420, 21.3262,
-26.9607

■ 244.5350, 5.1592,
-21.5172

■ 16.3800, 17.0677,
-14.3653

■ 253.2060, 0.8844,
-3.6887

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 121.1690, 27.0317,
-36.9822

■ 121.1690, 27.0317,
-36.9822

■ 111.0910, 32.0001,
-43.9298

■ 131.2470, 22.0632,
-30.0346

■ 101.3120, 36.8212,
-50.2626

■ 141.0260, 17.2422,
-23.7018

■ 91.2340, 41.7896,
-57.2102

■ 151.1040, 12.2737,
-16.7542

■ 81.4550, 46.6107,
-63.5430

■ 160.8830, 7.4527,
-10.4214

■ 76.4160, 49.0949,
-67.0168

■ 170.9610, 2.4842,
-3.4738

■ 181.0390, -2.4842,
3.4738

■ 190.8180, -7.3053,
9.8066

■ 200.8960,
-12.2737, 16.7542

■ 210.6750,
-17.0948, 23.0870

Harmonies

Analogous

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



111.7760, 26.2394, -62.9476



121.1690, 27.0317, -36.9822



128.2050, 22.5769, -8.0728

Triad

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



121.1690, 27.0317, -36.9822



129.2610, -9.0027, 40.9901



120.5510, -12.5966, -19.7772

Complementary

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



121.1690, 27.0317, -36.9822



133.8310, -27.0317, 36.9822

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.



123.6910, -21.5397, 2.0250



121.1690, 27.0317, -36.9822



128.2960, -18.8799, 35.6974

Square

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



121.1690, 27.0317, -36.9822



130.6160, 2.6543, 35.4168



126.2420, -23.7833, 21.7128



115.3660, 1.2986, -43.2940

Rectangle

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



121.1690, 27.0317, -36.9822



130.5340, 16.9917, 10.0557



126.2420, -23.7833, 21.7128



121.6830, -16.1127, -12.0000

Sweetspot

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



121.1690, 27.0317, -36.9822



207.4740, 11.1053, -15.3247



140.9550, -8.8518, -54.3345



101.6660, 6.5737, -8.4771



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



121.1690, 27.0317, -36.9822



144.0490, 42.3738, -57.9250



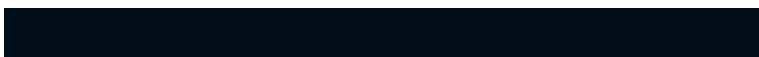
92.9930, 40.9225, -12.2719



83.9610, 2.4842, -3.4738



66.7500, 42.5213, -58.5397



11.1820, 7.3053, -9.8066

Inverse Universe

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



114.0450, 8.8518, 54.3345



132.9100, 13.8484, 85.1479



162.0070, -40.9225, 12.2719



83.2610, 0.8573, 5.0331



55.3230, 14.1378, 85.6627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 121.1690, 27.0317, -36.9822 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 121.1690, 27.0317, -36.9822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

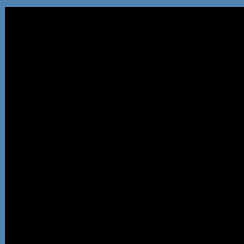
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

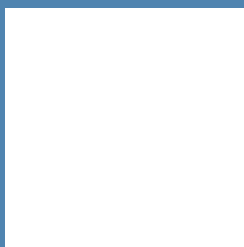
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.1690, 27.0317, -36.9822

Background



This preview shows how black text looks on a background with the YUV color 121.1690, 27.0317, -36.9822.

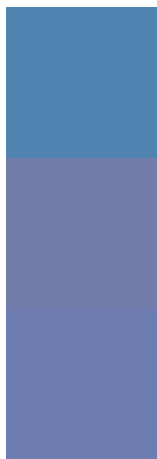


This preview shows how white text looks on a background with the YUV color 121.1690, 27.0317, -36.9822.

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

121.1690, 27.0317, -36.9822

Protanopia

126.9550, 21.7142, -11.3615

Deuteranopia

126.2580, 25.5088, -15.1353



Tritanopia

117.9220, 14.8285, -42.9046

Trichromacy



Original Color

121.1690, 27.0317, -36.9822

Protanomaly

125.0570, 23.6359, -21.0980

Deuteranomaly

124.6160, 25.8253, -23.3422

Tritanomaly

119.0840, 19.1856, -40.4157

Monochromacy



Original Color

121.1690, 27.0317, -36.9822

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1430, 9.7895, -13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1690, 27.0317, -36.9822 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(79, 132, 176)` looks like.

```
.text, #text, p{  
    color:rgb(79, 132, 176)  
}
```

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(79, 132, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 132, 176) }
```

Border

The CSS property to change the border of an element to YUV 121.1690, 27.0317, -36.9822 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(79, 132, 176) }
```


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

```
.border{ border-color:rgb(79, 132, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 132, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 132, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 132, 176);  
box-shadow:4px 4px 4px 4px rgb(79, 132,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 121.1690, 27.0317, -36.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 132, 176) }
```

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

```
.background{ background-color: rgb(79, 132,  
176) }
```

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