

Converting Colors

YUV(130.1270, -16.3316,
-35.1914)

Have a look what the booklet for
YUV(130.1270, -16.3316, -35.1914)
contains.

YUV(130.1270, -16.3316, -35.1914)	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(130.1270, -16.3316,
-35.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9D61
RGB	90, 157, 97
RGB Percent	35%, 62%, 38%
CMY	0.6471, 0.3843, 0.6196
CMYK	0.43, 0.00, 0.38, 0.38
HSL	126°, 27%, 48%
HSV	126°, 43%, 62%
XYZ	18.4311, 27.1507, 15.5784
YIQ	130.1270, -20.6720, -32.8640

Conversions

Conversions Part 2

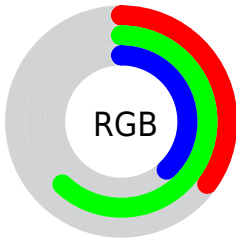
Format	Color
R_{YB}	90, 151, 157
Decimal	5938529
CIE _{Lab}	59.11, -34.36, 24.90
CIE _{LCh}	59, 42.434, 144.068
Yxy	27.1507, 0.3014, 0.4439
Android (android.graphics.Color)	4284128609 (0xFF5A9D61)
YUV	130.1270, -16.3316, -35.1914
Hunter-Lab	52.1063, -28.0468, 18.7482

Details

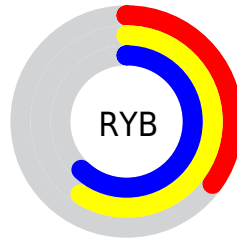
The YUV color **130.1270, -16.3316, -35.1914** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **116.8730, 16.3316, 35.1914**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0730, -17.7840, -36.0210**, and **78.2840, -14.4370, -36.2061** is the 20% darker color. If you saturate the color by 10%, you get **123.7470, -20.0883, -43.6281**, and if you desaturate by 10%, it is **136.5070, -12.5750, -26.7546**.

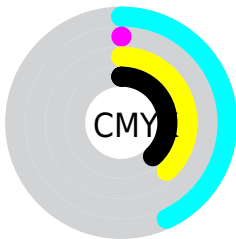
Distribution



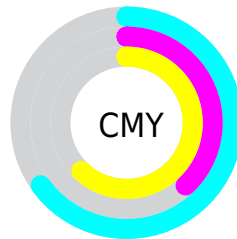
- Red (35%)
- Green (62%)
- Blue (38%)



- Red (35%)
- Yellow (59%)
- Blue (62%)



- Cyan (43%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)



- Cyan (65%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1270, -16.3316, -35.1914 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 130.1270, -16.3316, -35.1914 by changing the saturation by 10% instead.

■ 130.1270,
-16.3316, -35.1914

■ 130.1270,
-16.3316, -35.1914

■ 255.0000, 0.0000,
0.0000

■ 104.3550,
-15.4580, -35.3913

■ 184.0730,
-17.7840, -36.0210

■ 78.2840, -14.4370,
-36.2061

■ 212.5460,
-18.5102, -36.4358

■ 50.6360, -11.6525,
-42.6538

■ 232.3280,
-14.4587, -29.2287

■ 33.8010, -15.1849,
-29.6435

■ 243.8920, -6.3558,
-14.8143

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 130.1270,
-16.3316, -35.1914

■ 130.1270,
-16.3316, -35.1914

■ 123.7470,
-20.0883, -43.6281

■ 136.5070,
-12.5750, -26.7546

■ 117.6660,
-23.9923, -51.4501

■ 142.5880, -8.6709,
-18.9327

■ 111.2860,
-27.7490, -59.8868

■ 148.9680, -4.9142,
-10.4959

■ 104.9060,
-31.5057, -68.3236

■ 155.3480, -1.1576,
-2.0592

■ 98.5260, -35.2623,
-76.7603

■ 161.7280, 2.5991,
6.3775

■ 93.9830, -38.4456,
-82.4231

■ 167.8090, 6.5032,
14.1995

■ 174.1890, 10.2598,
22.6362

■ 180.5690, 14.0165,

31.0730

■ 186.7640, 18.3573,
38.7950

Harmonies

Analogous

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



136.0360, -31.5697, -0.9086



130.1270, -16.3316, -35.1914



109.6690, 11.5022, -96.1797

Triad

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



130.1270, -16.3316, -35.1914



128.8420, 42.9689, -62.1284



142.7150, -14.1565, 60.7629

Complementary

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



130.1270, -16.3316, -35.1914



116.8730, 16.3316, 35.1914

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.



145.1500, 2.8840, 55.1194



130.1270, -16.3316, -35.1914



143.2510, 32.9073, -8.1131

Square

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



130.1270, -16.3316, -35.1914



115.1870, 42.7988, -101.0190



146.3500, 19.5475, 30.3881



141.7510, -28.9642, 50.2074

Rectangle

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



130.1270, -16.3316, -35.1914



112.6330, 22.8589, -98.7791



146.3500, 19.5475, 30.3881



143.7950, -8.7729, 60.6928

Sweetspot

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



130.1270, -16.3316, -35.1914



193.1910, -6.5032, -14.1995



147.2690, -28.2336, 2.3951



95.5060, -4.1935, -8.3368



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.



130.1270, -16.3316, -35.1914



162.3020, -25.2919, -54.6389



133.8890, -1.9173, -38.4907



75.8100, -1.8783, -4.2184



85.6510, -34.8309, -75.1159



9.0330, -3.4673, -7.9219

Inverse Universe

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



116.8730, 16.3316, 35.1914



141.6980, 25.2919, 54.6389



113.1110, 1.9173, 38.4907



74.1900, 1.8783, 4.2184



57.3490, 34.8309, 75.1159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 130.1270, -16.3316, -35.1914 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 130.1270, -16.3316, -35.1914 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 130.1270, -16.3316, -35.1914 Background



This preview shows how black text looks on a background with the YUV color 130.1270, -16.3316, -35.1914.



This preview shows how white text looks on a background with the YUV color 130.1270, -16.3316, -35.1914.

-35.1914.

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

130.1270, -16.3316, -35.1914

Protanopia

139.7740, -24.0456, 12.4762

Deuteranopia

141.6920, -19.5682, 23.0721



Tritanopia

136.6140, 12.0223, -29.4795

Trichromacy



Original Color

130.1270, -16.3316, -35.1914

Protanomaly

136.0600, -21.2286, -4.4376

Deuteranomaly

137.7880, -18.6295, 1.9399

Tritanomaly

134.2580, 1.8448, -31.7983

Monochromacy



Original Color

130.1270, -16.3316, -35.1914

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0170, -5.9244, -13.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1270, -16.3316, -35.1914 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(90, 157, 97)` looks like.

```
.text, #text, p{  
    color:rgb(90, 157, 97)  
}
```

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(90, 157, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 157, 97) }
```

Border

The CSS property to change the border of an element to YUV 130.1270, -16.3316, -35.1914 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(90, 157, 97) }
```


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

```
.border{ border-color:rgb(90, 157, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 157, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 157, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 157, 97);  
box-shadow:4px 4px 4px 4px rgb(90, 157,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 130.1270, -16.3316, -35.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 157, 97) }
```

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

```
.background{ background-color: rgb(90, 157,  
97) }
```

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