

Converting Colors

YUV(130.6770, -20.5468,
-36.5507)

Have a look what the booklet for
YUV(130.6770, -20.5468, -36.5507)
contains.

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Color

**YUV(130.6770, -20.5468,
-36.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	59A059
RGB	89, 160, 89
RGB Percent	35%, 63%, 35%
CMY	0.6510, 0.3725, 0.6510
CMYK	0.44, 0.00, 0.44, 0.37
HSL	120°, 29%, 49%
HSV	120°, 44%, 63%
XYZ	18.4938, 27.9867, 13.8784
YIQ	130.6770, -19.5250, -37.1330

Conversions

Conversions Part 2

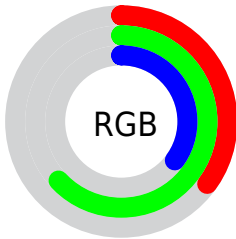
Format	Color
R_{YB}	89, 160, 160
Decimal	5873753
CIE _{Lab}	59.88, -37.32, 30.17
CIE _{LCh}	60, 47.990, 141.049
Yxy	27.9867, 0.3064, 0.4637
Android (android.graphics.Color)	4284063833 (0xFF59A059)
YUV	130.6770, -20.5468, -36.5507
Hunter-Lab	52.9025, -30.1788, 21.4776

Details

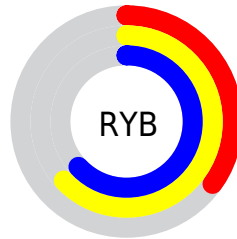
The YUV color **130.6770, -20.5468, -36.5507** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **118.3230, 20.5468, 36.5507**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9220, -22.1465, -36.7656**, and **78.2360, -18.3573, -38.7950** is the 20% darker color. If you saturate the color by 10%, you get **124.0690, -25.1770, -44.7875**, and if you desaturate by 10%, it is **137.2850, -15.9165, -28.3139**.

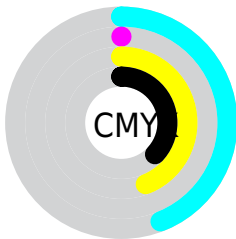
Distribution



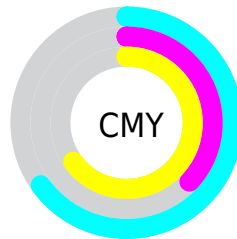
- Red (35%)
- Green (63%)
- Blue (35%)



- Red (35%)
- Yellow (63%)
- Blue (63%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (37%)



- Cyan (65%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.6770, -20.5468, -36.5507 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 130.6770, -20.5468, -36.5507 by changing the saturation by 10% instead.

■ 130.6770,
-20.5468, -36.5507

■ 130.6770,
-20.5468, -36.5507

■ 255.0000, 0.0000,
0.0000

■ 104.0190,
-19.2364, -36.8507

■ 184.9220,
-22.1465, -36.7656

■ 78.2360, -18.3573,
-38.7950

■ 213.0960,
-22.7253, -37.7952

■ 50.7730, -16.1571,
-44.5279

■ 231.3020,
-18.3899, -28.3289

■ 34.6330, -17.0741,
-30.3731

■ 242.8660,
-10.2869, -13.9145

■ 22.3060, -10.9969,
-19.5624

■ 254.5440, -1.7472,
0.3999

■ 0.0000, 0.0000,
0.0000

■ 130.6770,
-20.5468, -36.5507

■ 130.6770,
-20.5468, -36.5507

■ 124.0690,
-25.1770, -44.7875

■ 137.2850,
-15.9165, -28.3139

■ 117.4610,
-29.8073, -53.0243

■ 143.8930,
-11.2862, -20.0772

■ 110.8530,
-34.4375, -61.2611

■ 150.5010, -6.6560,
-11.8404

■ 104.2450,
-39.0678, -69.4979

■ 157.1090, -2.0257,
-3.6036

■ 97.6370, -43.6980,
-77.7346

■ 163.7170, 2.6045,
4.6332


■ 93.9200, -46.3026,
-82.3678

■ 170.3250, 7.2348,
12.8700

■ 176.9330, 11.8650,
21.1068

■ 183.5410, 16.4953,

29.3435

 190.1490, 21.1255,
37.5803

Harmonies

Analogous

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



137.1520, -37.5429, 1.6207



130.6770, -20.5468, -36.5507



111.6750, 9.0342, -97.9390

Triad

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



130.6770, -20.5468, -36.5507



115.6890, 54.8763, -101.4593



144.4710, -14.0362, 68.8699

Complementary

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



130.6770, -20.5468, -36.5507



118.3230, 20.5468, 36.5507

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.



146.6930, 6.0674, 60.7822



130.6770, -20.5468, -36.5507



144.1020, 38.8967, -15.8755

Square

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



130.6770, -20.5468, -36.5507



118.9200, 44.4094, -104.2928



148.6150, 24.3468, 31.0326



143.2250, -31.1699, 57.6847

Rectangle

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



130.6770, -20.5468, -36.5507



115.5680, 21.4120, -101.3531



148.6150, 24.3468, 31.0326



144.8930, -7.3422, 68.4998

Sweetspot

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



130.6770, -20.5468, -36.5507



197.8490, -7.8136, -13.8996



151.9060, -31.0127, 7.0984



97.9790, -4.9196, -8.7516



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



130.6770, -20.5468, -36.5507



163.1570, -32.1224, -57.1427



134.7810, -4.8220, -40.1499



75.6960, -2.3151, -4.1184



83.9410, -41.3829, -73.6163



8.8050, -4.3409, -7.7220

Inverse Universe

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



118.3230, 20.5468, 36.5507



143.8430, 32.1224, 57.1427



114.3330, 5.2588, 40.0500



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 130.6770, -20.5468, -36.5507 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 130.6770, -20.5468, -36.5507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

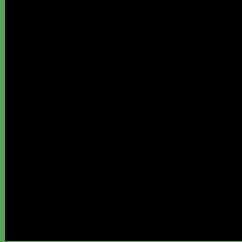
Any Text WCAG AA ✓ Pass

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 130.6770, -20.5468, -36.5507 Background



This preview shows how black text looks on a background with the YUV color 130.6770, -20.5468, -36.5507.



This preview shows how white text looks on a background with the YUV color 130.6770, -20.5468, -36.5507.

-36.5507.

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

130.6770, -20.5468, -36.5507

Protanopia

140.9330, -28.5610, 14.0908

Deuteranopia

142.5630, -23.9416, 25.8162



Tritanopia

138.4290, 12.6065, -30.1942

Trichromacy



Original Color

130.6770, -20.5468, -36.5507

Protanomaly

137.2080, -25.7385, -4.5674

Deuteranomaly

138.0610, -22.7081, 3.4545

Tritanomaly

135.6170, 0.6818, -32.1131

Monochromacy



Original Color

130.6770, -20.5468, -36.5507

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.2620, -7.5242, -13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6770, -20.5468, -36.5507 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(89, 160, 89)` looks like.

```
.text, #text, p{  
    color:rgb(89, 160, 89)  
}
```

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(89, 160, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 160, 89) }
```

Border

The CSS property to change the border of an element to YUV 130.6770, -20.5468, -36.5507 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(89, 160, 89) }
```


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

```
.border{ border-color:rgb(89, 160, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 160, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 160, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 160, 89);  
box-shadow:4px 4px 4px 4px rgb(89, 160,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 130.6770, -20.5468, -36.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 160, 89) }
```

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

```
.background{ background-color: rgb(89, 160,  
89) }
```

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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