

Converting Colors

YUV(154.7590, -28.4752,
-60.3016)

Have a look what the booklet for
YUV(154.7590, -28.4752, -60.3016)
contains.

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Color

**YUV(154.7590, -28.4752,
-60.3016)**

Conversions

Conversions Part 1

Format	Color
Hex	56C961
RGB	86, 201, 97
RGB Percent	34%, 79%, 38%
CMY	0.6627, 0.2118, 0.6196
CMYK	0.57, 0.00, 0.52, 0.21
HSL	126°, 52%, 56%
HSV	126°, 57%, 79%
XYZ	26.8821, 44.6148, 18.5039
YIQ	154.7590, -35.1560, -56.7240

Conversions

Conversions Part 2

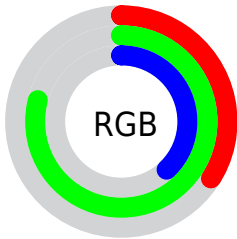
Format	Color
RYB	86, 191, 201
Decimal	5687649
CIELab	72.64, -53.85, 42.04
CIELCh	73, 68.321, 142.022
Yxy	44.6148, 0.2987, 0.4957
Android (android.graphics.Color)	4283877729 (0xFF56C961)
YUV	154.7590, -28.4752, -60.3016
Hunter-Lab	66.7943, -45.0508, 30.3310

Details

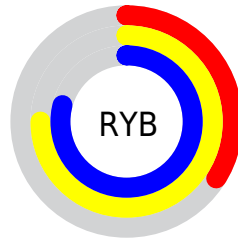
The YUV color **154.7590, -28.4752, -60.3016** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **132.2410, 28.4752, 60.3016**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1400, -29.6490, -57.1278**, and **91.5440, -22.4532, -78.5301** is the 20% darker color. If you saturate the color by 10%, you get **146.7270, -33.3894, -70.7976**, and if you desaturate by 10%, it is **162.7910, -23.5610, -49.8057**.

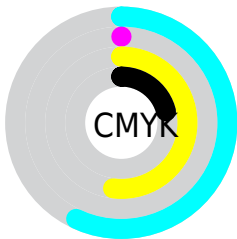
Distribution



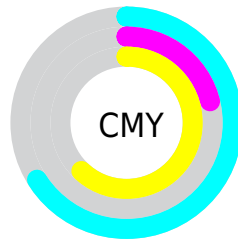
- Red (34%)
- Green (79%)
- Blue (38%)



- Red (34%)
- Yellow (75%)
- Blue (79%)



- Cyan (57%)
- Magenta (0%)
- Yellow (52%)
- Black (21%)



- Cyan (66%)
- Magenta (21%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7590, -28.4752, -60.3016 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 154.7590, -28.4752, -60.3016 by changing the saturation by 10% instead.

■ 154.7590,
-28.4752, -60.3016

■ 154.7590,
-28.4752, -60.3016

■ 255.0000, 0.0000,
0.0000

■ 125.9050,
-26.5752, -63.0607

■ 210.1400,
-29.6490, -57.1278

■ 91.5440, -22.4532,
-78.5301

■ 221.8890,
-22.1303, -41.9987

■ 72.0190, -26.1384,
-63.1607

■ 234.0510,
-14.3221, -26.3547

■ 55.1780, -27.2028,
-48.3911

■ 246.0280, -5.9298,
-11.4256

■ 40.5030, -19.9680,
-35.5211

■ 27.5890, -13.6014,
-24.1956

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 154.7590,
-28.4752, -60.3016

■ 154.7590,
-28.4752, -60.3016

■ 146.7270,
-33.3894, -70.7976

■ 162.7910,
-23.5610, -49.8057

■ 138.6950,
-38.3036, -81.2935

■ 170.8230,
-18.6467, -39.3098

■ 130.5490,
-43.6547, -91.6895

■ 178.9690,
-13.2957, -28.9138

■ 122.5170,
-48.5689, -102.1854

■ 187.0010, -8.3815,
-18.4179

■ 120.1530,
-49.8684, -105.3742

■ 195.3320, -3.6147,
-7.3072

■ 203.3640, 1.2995,
3.1888

■ 211.3960, 6.2138,
13.6847

■ 219.4280, 11.1280,
24.1806

■ 223.3020, 15.6271,
27.7991

Harmonies

Analogous

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



166.1630, -57.7614, -0.1430



154.7590, -28.4752, -60.3016



139.6350, 9.5469, -122.4599

Triad

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



154.7590, -28.4752, -60.3016



140.6000, 56.3992, -123.3062



163.8360, -14.2161, 79.9508

Complementary

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



154.7590, -28.4752, -60.3016



132.2410, 28.4752, 60.3016

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.



169.8440, 13.8809, 74.6818



154.7590, -28.4752, -60.3016



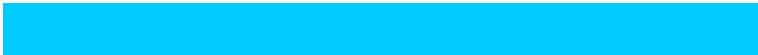
172.5250, 40.6602, -21.5084

Square

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



154.7590, -28.4752, -60.3016



148.2310, 52.6371, -129.9986



183.5860, 35.2071, 47.7211



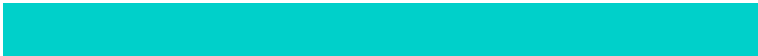
169.8930, -44.3172, 74.6388

Rectangle

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



154.7590, -28.4752, -60.3016



145.1240, 28.0399, -127.2737



183.5860, 35.2071, 47.7211



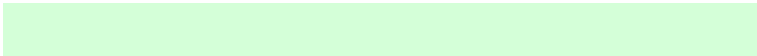
163.8820, -3.8858, 79.9105

Sweetspot

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



154.7590, -28.4752, -60.3016



237.6970, -10.6966, -22.5363



184.9000, -48.7577, 5.3497



117.4900, -6.6506, -13.5847



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.



154.7590, -28.4752, -60.3016



184.2500, -43.5072, -92.3042



161.1430, -4.0145, -65.9004



95.2830, -2.6045, -4.6332



97.5050, -40.1820, -85.5119



21.4740, -9.1077, -18.8327

Inverse Universe

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



132.2410, 28.4752, 60.3016



149.7500, 43.5072, 92.3042



125.8570, 4.0145, 65.9004



93.6030, 2.1677, 4.7332



65.6090, 40.6188, 85.4119



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 154.7590, -28.4752, -60.3016 looks on a white background.

Color Contrast Check

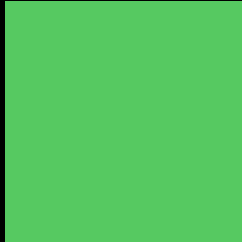
Large Text (above 18pt) WCAG AA × Fail

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 154.7590, -28.4752, -60.3016 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 ✓ Pass

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

YUV 154.7590, -28.4752, -60.3016 Background



This preview shows how black text looks on a background with the YUV color 154.7590, -28.4752, -60.3016.



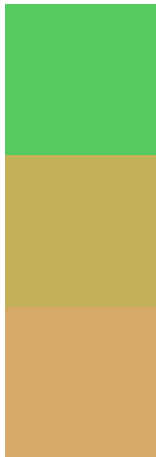
This preview shows how white text looks on a background with the YUV color 154.7590, -28.4752, -60.3016.

-60.3016.

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

154.7590, -28.4752, -60.3016

Protanopia

172.3500, -41.0916, 19.8640

Deuteranopia

175.4580, -34.7358, 34.6783



Tritanopia

167.8010, 18.3391, -48.9375

Trichromacy



Original Color

154.7590, -28.4752, -60.3016



Protanomaly

166.0150, -36.4894, -9.6602



Deuteranomaly

168.1070, -32.5908, -0.0938



Tritanomaly

163.0120, 1.4731, -52.6305

Monochromacy



Original Color

154.7590, -28.4752, -60.3016



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1100, -10.4072, -22.0215

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7590, -28.4752, -60.3016 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(86, 201, 97)` looks like.

```
.text, #text, p{  
    color:rgb(86, 201, 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(86, 201, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 201, 97) }
```

Border

The CSS property to change the border of an element to YUV 154.7590, -28.4752, -60.3016 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(86, 201, 97) }
```


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

```
.border{ border-color:rgb(86, 201, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 201, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 201, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 201, 97);  
box-shadow:4px 4px 4px 4px rgb(86, 201,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 154.7590, -28.4752, -60.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 201, 97) }
```

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

```
.background{ background-color: rgb(86, 201,  
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](#).

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