

Converting Colors

YUV(150.3300, -47.9837,
-56.4174)

Have a look what the booklet for
YUV(150.3300, -47.9837, -56.4174)
contains.

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Color

**YUV(150.3300, -47.9837,
-56.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	56CA35
RGB	86, 202, 53
RGB Percent	34%, 79%, 21%
CMY	0.6627, 0.2078, 0.7922
CMYK	0.57, 0.00, 0.74, 0.21
HSL	107°, 58%, 50%
HSV	107°, 74%, 79%
XYZ	25.6009, 44.4765, 10.6037
YIQ	150.3300, -21.3070, -70.9310

Conversions

Conversions Part 2

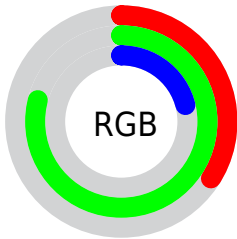
Format	Color
RYB	53, 202, 169
Decimal	5687861
CIELab	72.55, -58.76, 60.65
CIELCh	73, 84.444, 134.092
Yxy	44.4765, 0.3173, 0.5513
Android (android.graphics.Color)	4283877941 (0xFF56CA35)
YUV	150.3300, -47.9837, -56.4174
Hunter-Lab	66.6907, -48.1871, 37.2565

Details

The YUV color **150.3300, -47.9837, -56.4174** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **104.6700, 47.9837, 56.4174**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0640, -47.8526, -51.7991**, and **86.2890, -42.5405, -75.6755** is the 20% darker color. If you saturate the color by 10%, you get **143.2660, -54.3611, -64.2543**, and if you desaturate by 10%, it is **157.3940, -41.6062, -48.5805**.

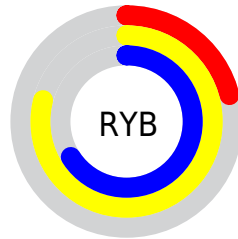
Distribution



Red (34%)

Green (79%)

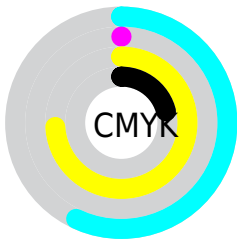
Blue (21%)



Red (21%)

Yellow (79%)

Blue (66%)

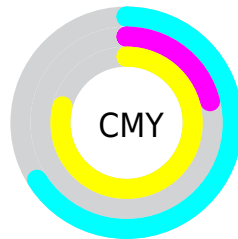


Cyan (57%)

Magenta (0%)

Yellow (74%)

Black (21%)



Cyan (66%)

Magenta (21%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3300, -47.9837, -56.4174 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 150.3300, -47.9837, -56.4174 by changing the saturation by 10% instead.

■ 150.3300,
-47.9837, -56.4174

■ 150.3300,
-47.9837, -56.4174

■ 255.0000, 0.0000,
0.0000

■ 119.7380,
-50.1568, -59.4062

■ 206.0640,
-47.8526, -51.7991

■ 86.2890, -42.5405,
-75.6755

■ 217.9270,
-39.8970, -36.7700

■ 70.4400, -34.7269,
-61.7759

■ 230.0890,
-32.0889, -21.1261

■ 55.1780, -27.2028,
-48.3911

■ 242.5500,
-24.4282, -4.8674

■ 40.5030, -19.9680,
-35.5211

■ 251.2380,
-14.4143, 3.2993

■ 27.5890, -13.6014,
-24.1956

■ 254.5440, -1.7472,

■ 9.3920, -4.6303,

0.3999

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 150.3300,
-47.9837, -56.4174

■ 150.3300,
-47.9837, -56.4174

■ 143.2660,
-54.3611, -64.2543

■ 157.3940,
-41.6062, -48.5805

■ 136.5010,
-60.8860, -71.4764

■ 164.1590,
-35.0814, -41.3584

■ 132.0290,
-65.0903, -76.3244

■ 171.3370,
-28.2671, -33.6215

■ 178.4010,
-21.8897, -25.7847

■ 185.4650,
-15.5122, -17.9478

■ 192.2300, -8.9874,
-10.7257

■ 199.2940, -2.6099,
-2.8888

■ 206.4720, 4.2043,
4.8481

■ 213.5360, 10.5818,
12.6849

Harmonies

Analogous

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



162.7030, -80.2126, 14.2925



150.3300, -47.9837, -56.4174



138.4320, -2.6780, -121.4049

Triad

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



150.3300, -47.9837, -56.4174



145.2960, 54.0841, -127.4246



148.5400, -1.7452, 93.3654

Complementary

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



150.3300, -47.9837, -56.4174



104.6700, 47.9837, 56.4174

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.



162.0140, 29.5731, 81.5487



150.3300, -47.9837, -56.4174



149.4360, 52.0431, -79.3124

Square

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



150.3300, -47.9837, -56.4174



152.3400, 50.6114, -133.6022



178.2370, 37.8442, 41.8882



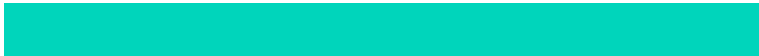
157.2410, -42.0238, 85.7346

Rectangle

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



150.3300, -47.9837, -56.4174



146.3490, 20.0409, -128.3481



178.2370, 37.8442, 41.8882



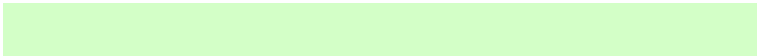
149.7430, 10.4797, 92.3104

Sweetspot

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



150.3300, -47.9837, -56.4174



235.4600, -17.9748, -21.4514



164.4690, -54.9542, 32.9147



116.3500, -11.0185, -12.5849



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.



150.3300, -47.9837, -56.4174



176.1990, -73.0621, -86.1205



145.0230, -25.6473, -80.7042



98.4680, -3.1887, -3.9184



108.5050, -53.4930, -62.7099



24.6980, -12.1761, -14.6441

Inverse Universe

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



104.6700, 47.9837, 56.4174



106.8010, 73.0621, 86.1205



109.9770, 25.6473, 80.7042



95.5320, 3.1887, 3.9184



57.4950, 53.4930, 62.7099



13.3020, 12.1761, 14.6441

Previews

White Background



This preview shows how the YUV color 150.3300, -47.9837, -56.4174 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 150.3300, -47.9837, -56.4174 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 150.3300, -47.9837, -56.4174 Background



This preview shows how black text looks on a background with the YUV color 150.3300, -47.9837, -56.4174.



This preview shows how white text looks on a background with the YUV color 150.3300, -47.9837, -56.4174.

-56.4174.

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

150.3300, -47.9837, -56.4174

Protanopia

168.4590, -59.8793, 25.9075

Deuteranopia

171.9200, -52.2186, 42.1662



Tritanopia

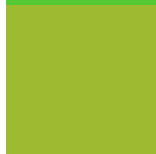
168.2960, 17.6021, -45.8636

Trichromacy



Original Color

150.3300, -47.9837, -56.4174



Protanomaly

161.7110, -55.5665, -4.1315



Deuteranomaly

163.7430, -50.6523, 6.3644



Tritanomaly

161.6720, -6.2473, -49.7013

Monochromacy



Original Color

150.3300, -47.9837, -56.4174



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.2860, -17.3960, -20.4218

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3300, -47.9837, -56.4174 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, 202, 53)` looks like.

```
.text, #text, p{  
    color:rgb(86, 202, 53)  
}
```

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, 202, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 202, 53) }
```

Border

The CSS property to change the border of an element to YUV 150.3300, -47.9837, -56.4174 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, 202, 53) }
```


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

```
.border{ border-color:rgb(86, 202, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 202, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 202, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 202, 53);  
box-shadow:4px 4px 4px 4px rgb(86, 202,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 150.3300, -47.9837, -56.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 202, 53) }
```

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

```
.background{ background-color: rgb(86, 202,  
53) }
```

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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