

Converting Colors

YUV(155.2610, -53.3727,
-54.6029)

Have a look what the booklet for
YUV(155.2610, -53.3727, -54.6029)
contains.

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Color

**YUV(155.2610, -53.3727,
-54.6029)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD02F
RGB	93, 208, 47
RGB Percent	36%, 82%, 18%
CMY	0.6353, 0.1843, 0.8157
CMYK	0.55, 0.00, 0.77, 0.18
HSL	103°, 63%, 50%
HSV	103°, 77%, 82%
XYZ	27.5832, 47.6441, 10.4318
YIQ	155.2610, -16.8590, -74.4510

Conversions

Conversions Part 2

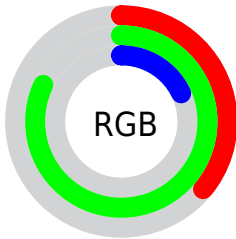
Format	Color
R _Y B	47, 208, 162
Decimal	6148143
CIE Lab	74.60, -59.48, 64.69
CIE LCh	75, 87.882, 132.599
Yxy	47.6441, 0.3220, 0.5562
Android (android.graphics.Color)	4284338223 (0xFF5DD02F)
YUV	155.2610, -53.3727, -54.6029
Hunter-Lab	69.0247, -49.4624, 39.3568

Details

The YUV color **155.2610, -53.3727, -54.6029** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed green. A complement of this color would be **99.7390, 53.3727, 54.6029**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7010, -50.6316, -47.0958**, and **91.6160, -45.1667, -73.3312** is the 20% darker color. If you saturate the color by 10%, you get **148.3820, -60.3343, -61.7250**, and if you desaturate by 10%, it is **162.1400, -46.4110, -47.4808**.

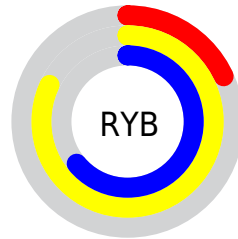
Distribution



Red (36%)

Green (82%)

Blue (18%)



Red (18%)

Yellow (82%)

Blue (64%)

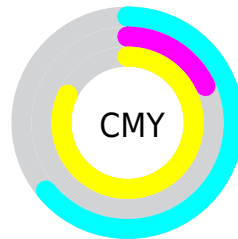


Cyan (55%)

Magenta (0%)

Yellow (77%)

Black (18%)



Cyan (64%)

Magenta (18%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2610, -53.3727, -54.6029 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 155.2610, -53.3727, -54.6029 by changing the saturation by 10% instead.

■ 155.2610,
-53.3727, -54.6029

■ 155.2610,
-53.3727, -54.6029

■ 255.0000, 0.0000,
0.0000

■ 123.8280,
-60.0612, -55.9772

■ 207.7010,
-50.6316, -47.0958

■ 91.6160, -45.1667,
-73.3312

■ 219.8630,
-42.8235, -31.4519

■ 73.9620, -36.4633,
-64.8647

■ 232.0250,
-35.0153, -15.8079

■ 58.7000, -28.9391,
-51.4799

■ 244.3010,
-26.7704, -0.2640

■ 43.4380, -21.4149,
-38.0951

■ 250.8960,
-15.7247, 3.5992

■ 29.9370, -14.7589,
-26.2547

■ 254.2020, -3.0576,

■ 14.6750, -7.2348,

0.6998

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 155.2610,
-53.3727, -54.6029

■ 155.2610,
-53.3727, -54.6029

■ 148.3820,
-60.3343, -61.7250

■ 162.1400,
-46.4110, -47.4808

■ 141.5030,
-67.2960, -68.8471

■ 169.0190,
-39.4494, -40.3587

■ 139.7370,
-68.8903, -70.8063

■ 175.7840,
-32.9245, -33.1366

■ 182.3640,
-25.8155, -26.6292

■ 189.2430,
-18.8538, -19.5071

■ 196.1220,
-11.8921, -12.3850

■ 203.0010, -4.9305,
-5.2629

■ 209.7660, 1.5944,
1.9592

■ 216.6450, 8.5560,
9.0813

Harmonies

Analogous

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



168.3290, -82.9862, 17.2515



155.2610, -53.3727, -54.6029



142.4270, -5.1405, -124.9085

Triad

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



155.2610, -53.3727, -54.6029



149.9920, 51.7689, -131.5430



148.8650, 2.0386, 93.0804

Complementary

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



155.2610, -53.3727, -54.6029



99.7390, 53.3727, 54.6029

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.



164.5560, 34.2359, 79.3194



155.2610, -53.3727, -54.6029



136.5020, 58.4195, -117.9583

Square

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



155.2610, -53.3727, -54.6029



156.4490, 48.5856, -137.2058



182.6560, 35.6656, 40.6437



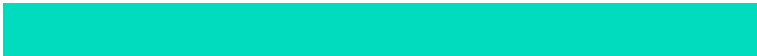
158.2840, -40.5660, 84.8199

Rectangle

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



155.2610, -53.3727, -54.6029



150.6860, 18.8888, -132.1516



182.6560, 35.6656, 40.6437



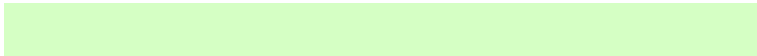
150.7690, 14.4109, 91.4106

Sweetspot

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



155.2610, -53.3727, -54.6029



235.7160, -19.5800, -19.9219



161.4700, -56.4337, 40.8068



116.1220, -11.8921, -12.3850



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.



155.2610, -53.3727, -54.6029



177.4510, -78.6093, -80.2025



145.1550, -32.6144, -86.0819



101.3540, -3.6255, -3.8185



112.9680, -55.6932, -56.9769



27.6550, -13.6339, -13.7294

Inverse Universe

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



99.7390, 53.3727, 54.6029



95.5490, 78.6093, 80.2025



109.8450, 32.6144, 86.0819



97.6460, 3.6255, 3.8185



55.0320, 55.6932, 56.9769



13.3450, 13.6339, 13.7294

Previews

White Background



This preview shows how the YUV color 155.2610, -53.3727, -54.6029 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 155.2610, -53.3727, -54.6029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

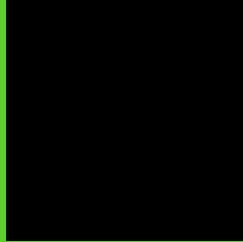
Any Text WCAG AA ✓ Pass

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 155.2610, -53.3727, -54.6029 Background



This preview shows how black text looks on a background with the YUV color 155.2610, -53.3727, -54.6029.



This preview shows how white text looks on a background with the YUV color 155.2610, -53.3727, -54.6029.

-54.6029.

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

155.2610, -53.3727, -54.6029

Protanopia

173.3900, -65.2683, 27.7220

Deuteranopia

176.7910, -56.5920, 44.9103



Tritanopia

174.4810, 17.0179, -45.1488

Trichromacy



Original Color

155.2610, -53.3727, -54.6029



Protanomaly

166.6420, -60.9555, -2.3170



Deuteranomaly

169.2010, -55.3151, 8.5937



Tritanomaly

167.4010, -8.5787, -48.5867

Monochromacy



Original Color

155.2610, -53.3727, -54.6029



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.8300, -19.1432, -20.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2610, -53.3727, -54.6029 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(93, 208, 47)` looks like.

```
.text, #text, p{  
    color:rgb(93, 208, 47)  
}
```

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(93, 208, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 208, 47) }
```

Border

The CSS property to change the border of an element to YUV 155.2610, -53.3727, -54.6029 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(93, 208, 47) }
```


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

```
.border{ border-color:rgb(93, 208, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 208, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 208, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 208, 47);  
box-shadow:4px 4px 4px 4px rgb(93, 208,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 155.2610, -53.3727, -54.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 208, 47) }
```

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

```
.background{ background-color: rgb(93, 208,  
47) }
```

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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