

Converting Colors

YUV(155.4940, -50.0365,
-51.2992)

Have a look what the booklet for
YUV(155.4940, -50.0365, -51.2992)
contains.

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Color

**YUV(155.4940, -50.0365,
-51.2992)**

Conversions

Conversions Part 1

Format	Color
Hex	61CD36
RGB	97, 205, 54
RGB Percent	38%, 80%, 21%
CMY	0.6196, 0.1961, 0.7882
CMYK	0.53, 0.00, 0.74, 0.20
HSL	103°, 60%, 51%
HSV	103°, 74%, 80%
XYZ	27.4269, 46.4704, 11.0142
YIQ	155.4940, -15.8970, -69.8570

Conversions

Conversions Part 2

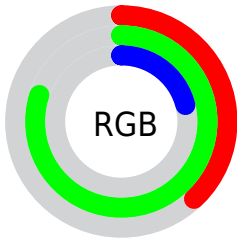
Format	Color
RYB	54, 205, 162
Decimal	6409526
CIELab	73.85, -56.88, 61.73
CIELCh	74, 83.934, 132.659
Yxy	46.4704, 0.3230, 0.5473
Android (android.graphics.Color)	4284599606 (0xFF61CD36)
YUV	155.4940, -50.0365, -51.2992
Hunter-Lab	68.1692, -47.4790, 38.1389

Details

The YUV color **155.4940, -50.0365, -51.2992** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **103.5060, 50.0365, 51.2992**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1680, -48.8898, -45.7513**, and **95.5250, -47.0938, -61.8504** is the 20% darker color. If you saturate the color by 10%, you get **148.7290, -56.5614, -58.5213**, and if you desaturate by 10%, it is **162.3730, -43.0749, -44.1771**.

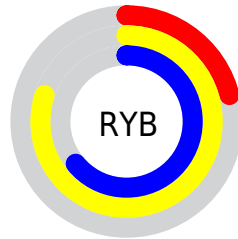
Distribution



Red (38%)

Green (80%)

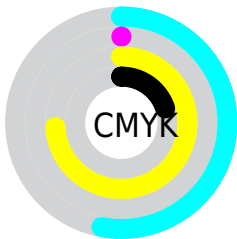
Blue (21%)



Red (21%)

Yellow (80%)

Blue (64%)

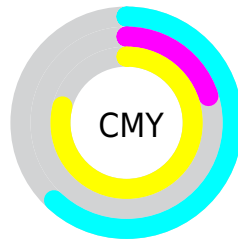


Cyan (53%)

Magenta (0%)

Yellow (74%)

Black (20%)



Cyan (62%)

Magenta (20%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.4940, -50.0365, -51.2992 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 155.4940, -50.0365, -51.2992 by changing the saturation by 10% instead.

■ 155.4940,
-50.0365, -51.2992

■ 155.4940,
-50.0365, -51.2992

■ 255.0000, 0.0000,
0.0000

■ 125.5000,
-52.5045, -53.0585

■ 209.1680,
-48.8898, -45.7513

■ 95.5250, -47.0938,
-61.8504

■ 221.0310,
-40.9343, -30.7222

■ 72.2010, -35.5951,
-63.3203

■ 233.1930,
-33.1261, -15.0783

■ 56.9390, -28.0709,
-49.9355

■ 245.3550,
-25.3180, 0.5657

■ 42.2640, -20.8362,
-37.0655

■ 251.3520,
-13.9775, 3.1993

■ 28.7630, -14.1802,
-25.2252

254.7720, -0.8736,

■ 12.9140, -6.3666,

0.2000

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 155.4940,
-50.0365, -51.2992

■ 155.4940,
-50.0365, -51.2992

■ 148.7290,
-56.5614, -58.5213

■ 162.3730,
-43.0749, -44.1771

■ 142.1490,
-63.6705, -65.0287

■ 168.8390,
-36.4026, -37.5698

■ 137.6770,
-67.8748, -69.8767

■ 175.7180,
-29.4410, -30.4477

■ 182.4830,
-22.9161, -23.2256

■ 189.0630,
-15.8071, -16.7183

■ 195.8280, -9.2822,
-9.4962

■ 202.7070, -2.3206,
-2.3740

■ 209.1730, 4.3517,
4.2333

■ 216.0520, 11.3134,
11.3554

Harmonies

Analogous

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



166.2690, -81.9706, 18.1811



155.4940, -50.0365, -51.2992



140.7800, -3.8355, -123.4641

Triad

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



155.4940, -50.0365, -51.2992



148.2310, 52.6371, -129.9986



151.6860, 0.1548, 90.6064

Complementary

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



155.4940, -50.0365, -51.2992



103.5060, 50.0365, 51.2992

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.



166.3340, 30.8943, 77.7601



155.4940, -50.0365, -51.2992



149.0820, 52.2176, -88.6489

Square

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



155.4940, -50.0365, -51.2992



154.6880, 49.4538, -135.6614



181.4600, 36.2552, 38.1846



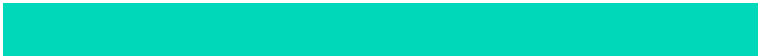
159.2130, -39.5450, 84.0052

Rectangle

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



155.4940, -50.0365, -51.2992



147.9960, 18.7360, -129.7925



181.4600, 36.2552, 38.1846



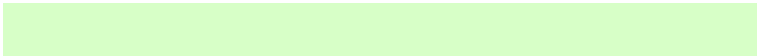
153.4760, 12.0903, 89.0365

Sweetspot

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



155.4940, -50.0365, -51.2992



236.6560, -18.5644, -18.9923



161.3710, -52.9339, 38.2626



116.9480, -11.3134, -11.3554



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.



155.4940, -50.0365, -51.2992



181.6240, -74.2576, -75.9692



146.0570, -30.5941, -80.7340



98.7670, -3.3361, -3.3037



111.4950, -54.9670, -56.5621



25.5950, -12.6183, -12.7998

Inverse Universe

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



103.5060, 50.0365, 51.2992



104.3760, 74.2576, 75.9692



112.9430, 30.5941, 80.7340



95.2330, 3.3361, 3.3037



54.5050, 54.9670, 56.5621



12.4050, 12.6183, 12.7998

Previews

White Background



This preview shows how the YUV color 155.4940, -50.0365, -51.2992 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 155.4940, -50.0365, -51.2992 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 155.4940, -50.0365, -51.2992 Background



This preview shows how black text looks on a background with the YUV color 155.4940, -50.0365, -51.2992.



This preview shows how white text looks on a background with the YUV color 155.4940, -50.0365, -51.2992.

-51.2992.

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

155.4940, -50.0365, -51.2992

Protanopia

172.1170, -61.1897, 26.2074

Deuteranopia

175.2900, -53.3870, 43.5957



Tritanopia

173.0900, 16.7176, -42.1749

Trichromacy



Original Color

155.4940, -50.0365, -51.2992



Protanomaly

166.2660, -57.3191, -1.9873



Deuteranomaly

167.7110, -52.1155, 9.0235



Tritanomaly

166.6510, -7.7159, -45.2979

Monochromacy



Original Color

155.4940, -50.0365, -51.2992



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.0690, -18.2750, -18.4775

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.4940, -50.0365, -51.2992 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(97, 205, 54)` looks like.

```
.text, #text, p{  
    color:rgb(97, 205, 54)  
}
```

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(97, 205, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 205, 54) }
```

Border

The CSS property to change the border of an element to YUV 155.4940, -50.0365, -51.2992 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(97, 205, 54) }
```


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

```
.border{ border-color:rgb(97, 205, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 205, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 205, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 205, 54);  
box-shadow:4px 4px 4px 4px rgb(97, 205,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 155.4940, -50.0365, -51.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 205, 54) }
```

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

```
.background{ background-color: rgb(97, 205,  
54) }
```

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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