

Converting Colors

YUV(154.8460, -60.5631,
-34.9449)

Have a look what the booklet for
YUV(154.8460, -60.5631, -34.9449)
contains.

YUV(154.8460, -60.5631, -34.9449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.8460, -60.5631,
-34.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	73C720
RGB	115, 199, 32
RGB Percent	45%, 78%, 13%
CMY	0.5490, 0.2196, 0.8745
CMYK	0.42, 0.00, 0.84, 0.22
HSL	90°, 72%, 45%
HSV	90°, 84%, 78%
XYZ	27.7544, 44.5960, 8.5116
YIQ	154.8460, 3.5430, -69.7450

Conversions

Conversions Part 2

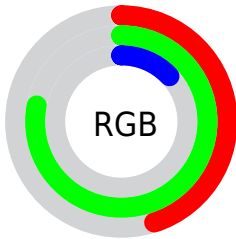
Format	Color
RYB	32, 199, 116
Decimal	7587616
CIELab	72.63, -50.29, 67.29
CIElCh	73, 84.001, 126.773
Yxy	44.5960, 0.3432, 0.5515
Android (android.graphics.Color)	4285777696 (0xFF73C720)
YUV	154.8460, -60.5631, -34.9449
Hunter-Lab	66.7802, -42.6794, 39.1893

Details

The YUV color **154.8460, -60.5631, -34.9449** 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 **76.1540, 60.5631, 34.9449**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1280, -58.2371, -34.3153**, and **100.6740, -49.6323, -40.9331** is the 20% darker color. If you saturate the color by 10%, you get **149.5760, -67.8250, -39.0932**, and if you desaturate by 10%, it is **160.1160, -53.3012, -30.7967**.

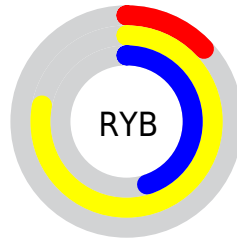
Distribution



Red (45%)

Green (78%)

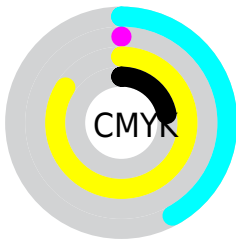
Blue (13%)



Red (13%)

Yellow (78%)

Blue (45%)

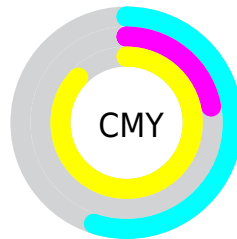


Cyan (42%)

Magenta (0%)

Yellow (84%)

Black (22%)



Cyan (55%)

Magenta (22%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8460, -60.5631, -34.9449 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 154.8460, -60.5631, -34.9449 by changing the saturation by 10% instead.

■ 154.8460,
-60.5631, -34.9449

■ 154.8460,
-60.5631, -34.9449

■ 255.0000, 0.0000,
0.0000

■ 126.0910,
-62.1629, -35.1598

■ 212.1280,
-58.2371, -34.3153

■ 100.6740,
-49.6323, -40.9331

■ 224.2900,
-50.4290, -18.6713

■ 72.8540, -35.9170,
-53.3690

■ 236.4520,
-42.6208, -3.0274

■ 54.5910, -26.9134,
-47.8763

■ 246.3360,
-33.1966, 7.5983

■ 39.9160, -19.6786,
-35.0063

■ 249.6420,
-20.5295, 4.6990

■ 27.0020, -13.3120,
-23.6808

■ 252.9480, -7.8624,

■ 9.9790, -4.9196,

1.7996

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 154.8460,
-60.5631, -34.9449

■ 154.8460,
-60.5631, -34.9449

■ 149.5760,
-67.8250, -39.0932

■ 160.1160,
-53.3012, -30.7967

■ 146.4140,
-72.1821, -41.5821

■ 165.3860,
-46.0393, -26.6485

■ 170.6560,
-38.7774, -22.5003

■ 175.9260,
-31.5155, -18.3521

■ 181.1960,
-24.2536, -14.2039

■ 186.3520,
-17.4285, -9.9557

■ 191.6220,
-10.1666, -5.8075

■ 196.8920, -2.9048,
-1.6593

■ 202.1620, 4.3571,
2.4889

Harmonies

Analogous

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



164.5630, -81.1296, 28.4472



154.8460, -60.5631, -34.9449



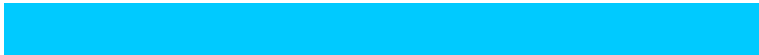
135.6790, -10.6877, -118.9905

Triad

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



154.8460, -60.5631, -34.9449



147.6440, 52.9265, -129.4838



149.5320, 7.1327, 92.4954

Complementary

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



154.8460, -60.5631, -34.9449



76.1540, 60.5631, 34.9449

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.



168.7620, 35.1203, 75.6307



154.8460, -60.5631, -34.9449



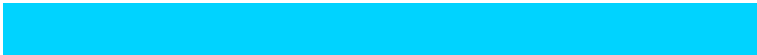
135.9040, 58.7143, -119.1878

Square

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



154.8460, -60.5631, -34.9449



152.9270, 50.3220, -134.1170



176.6320, 38.6354, 21.3707



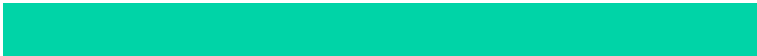
154.5970, -31.8463, 88.0534

Rectangle

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



154.8460, -60.5631, -34.9449



143.4820, 11.5944, -125.8337



176.6320, 38.6354, 21.3707



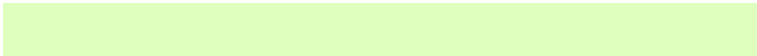
153.6700, 17.9107, 88.8664

Sweetspot

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



154.8460, -60.5631, -34.9449



238.1360, -23.2380, -13.2743



131.2410, -48.9258, 59.4246



117.5740, -14.0870, -8.3964



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.



154.8460, -60.5631, -34.9449



187.6580, -92.5154, -53.1971



130.0290, -48.3283, -85.9714



96.4790, -3.1941, -2.1741



119.9000, -59.1107, -34.1153



26.5140, -13.0714, -7.4668

Inverse Universe

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



76.1540, 60.5631, 34.9449



67.3420, 92.5154, 53.1971



100.9710, 48.3283, 85.9714



92.5210, 3.1941, 2.1741



43.1000, 59.1107, 34.1153



9.4860, 13.0714, 7.4668

Previews

White Background



This preview shows how the YUV color 154.8460, -60.5631, -34.9449 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 154.8460, -60.5631, -34.9449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

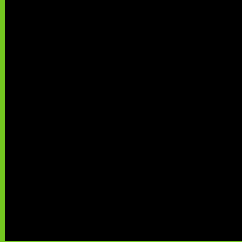
Any Text WCAG AA ✓ Pass

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 154.8460, -60.5631, -34.9449 Background



This preview shows how black text looks on a background with the YUV color 154.8460, -60.5631, -34.9449.



This preview shows how white text looks on a background with the YUV color 154.8460, -60.5631, -34.9449.

-34.9449.

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

154.8460, -60.5631, -34.9449

Protanopia

167.2500, -69.6363, 28.7218

Deuteranopia

170.6940, -59.5021, 44.9954



Tritanopia

172.6570, 13.4801, -30.3942

Trichromacy



Original Color

154.8460, -60.5631, -34.9449

Protanomaly

162.9050, -66.5082, 5.3453

Deuteranomaly

164.6920, -59.9942, 16.0561

Tritanomaly

166.2460, -13.4323, -31.7877

Monochromacy



Original Color

154.8460, -60.5631, -34.9449

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.7770, -22.0751, -12.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8460, -60.5631, -34.9449 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(115, 199, 32)` looks like.

```
.text, #text, p{  
    color:rgb(115, 199, 32)  
}
```

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(115, 199, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 199, 32) }
```

Border

The CSS property to change the border of an element to YUV 154.8460, -60.5631, -34.9449 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(115, 199, 32) }
```


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

```
.border{ border-color:rgb(115, 199, 32) }
```

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

Here you see how a box with a 4 pixel rgb(115, 199, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 199, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 199, 32);  
box-shadow:4px 4px 4px 4px rgb(115, 199,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 154.8460, -60.5631, -34.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 199, 32) }
```

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

```
.background{ background-color: rgb(115,  
199, 32) }
```

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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