

Converting Colors

YUV(153.5690, -30.3535,
-64.5200)

Have a look what the booklet for
YUV(153.5690, -30.3535, -64.5200)
contains.

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Color

**YUV(153.5690, -30.3535,
-64.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	50CB5C
RGB	80, 203, 92
RGB Percent	31%, 80%, 36%
CMY	0.6863, 0.2039, 0.6392
CMYK	0.61, 0.00, 0.55, 0.20
HSL	126°, 54%, 55%
HSV	126°, 61%, 80%
XYZ	26.5960, 45.1901, 17.4460
YIQ	153.5690, -37.6770, -60.5970

Conversions

Conversions Part 2

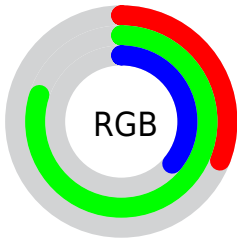
Format	Color
RYB	80, 192, 203
Decimal	5294940
CIELab	73.02, -56.66, 44.85
CIELCh	73, 72.260, 141.635
Yxy	45.1901, 0.2981, 0.5064
Android (android.graphics.Color)	4283485020 (0xFF50CB5C)
YUV	153.5690, -30.3535, -64.5200
Hunter-Lab	67.2235, -47.0204, 31.6694

Details

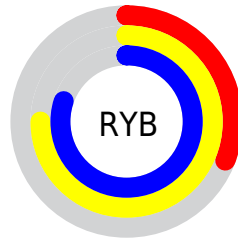
The YUV color **153.5690, -30.3535, -64.5200** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **129.4310, 30.3535, 64.5200**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0750, -31.0960, -59.7018**, and **91.4360, -25.3579, -80.1894** is the 20% darker color. If you saturate the color by 10%, you get **145.5370, -35.2677, -75.0159**, and if you desaturate by 10%, it is **161.6010, -25.4393, -54.0241**.

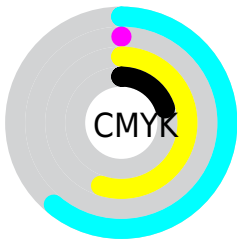
Distribution



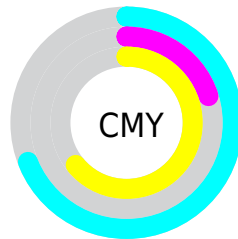
- Red (31%)
- Green (80%)
- Blue (36%)



- Red (31%)
- Yellow (75%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (55%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5690, -30.3535, -64.5200 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 153.5690, -30.3535, -64.5200 by changing the saturation by 10% instead.

■ 153.5690,
-30.3535, -64.5200

■ 153.5690,
-30.3535, -64.5200

■ 255.0000, 0.0000,
0.0000

■ 123.7040,
-28.4481, -69.0234

■ 208.0750,
-31.0960, -59.7018

■ 91.4360, -25.3579,
-80.1894

■ 220.1230,
-23.7246, -43.9579

■ 72.1670, -30.6483,
-63.2905

■ 232.2850,
-15.9165, -28.3139

■ 55.7650, -27.4921,
-48.9059

■ 244.5610, -7.6716,
-12.7700

■ 41.0900, -20.2574,
-36.0359

■ 28.1760, -13.8908,
-24.7104

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 153.5690,
-30.3535, -64.5200

■ 153.5690,
-30.3535, -64.5200

■ 145.5370,
-35.2677, -75.0159

■ 161.6010,
-25.4393, -54.0241

■ 137.0920,
-40.4714, -86.0267

■ 170.0460,
-20.2357, -43.0133

■ 129.0600,
-45.3856, -96.5226

■ 178.0780,
-15.3215, -32.5174

■ 121.4410,
-50.0104, -106.5038

■ 186.1100,
-10.4072, -22.0215

■ 194.5550, -5.2036,
-11.0107

■ 202.5870, -0.2894,
-0.5148

■ 210.6190, 4.6248,
9.9811

■ 218.7650, 9.9759,
20.3771

■ 224.4760, 15.0483,
26.7695

Harmonies

Analogous

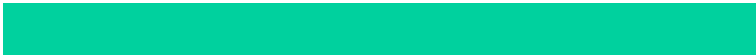
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.4960, -62.8555, 0.4420



153.5690, -30.3535, -64.5200



140.6950, 8.5314, -123.3895

Triad

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



153.5690, -30.3535, -64.5200



141.7740, 55.8204, -124.3358



161.3740, -13.4954, 82.1100

Complementary

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



153.5690, -30.3535, -64.5200



129.4310, 30.3535, 64.5200

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.



167.8380, 16.3489, 76.4411



153.5690, -30.3535, -64.5200



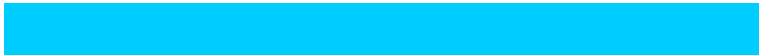
171.3290, 41.2498, -23.9675

Square

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



153.5690, -30.3535, -64.5200



149.4050, 52.0583, -131.0282



183.3090, 35.3437, 50.5950



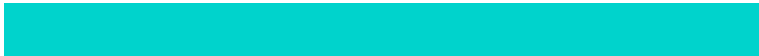
168.8500, -45.7750, 75.5536

Rectangle

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



153.5690, -30.3535, -64.5200



147.1130, 28.0453, -129.0181



183.3090, 35.3437, 50.5950



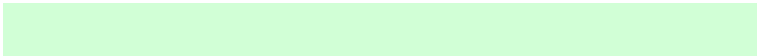
161.5340, -2.7283, 81.9697

Sweetspot

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



153.5690, -30.3535, -64.5200



236.5720, -11.1280, -24.1806



185.9880, -52.2521, 6.1495



116.3650, -7.0819, -15.2291



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.



153.5690, -30.3535, -64.5200



180.2340, -45.9644, -97.5522



160.4090, -4.1456, -70.5187



97.9840, -2.4571, -5.2480



99.2660, -41.0501, -87.0563



22.7620, -9.2497, -19.9623

Inverse Universe

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



129.4310, 30.3535, 64.5200



143.7660, 45.9644, 97.5522



122.5910, 4.1456, 70.5187



96.0160, 2.4571, 5.2480



66.7340, 41.0501, 87.0563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 153.5690, -30.3535, -64.5200 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 153.5690, -30.3535, -64.5200 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 153.5690, -30.3535, -64.5200 Background



This preview shows how black text looks on a background with the YUV color 153.5690, -30.3535, -64.5200.



This preview shows how white text looks on a background with the YUV color 153.5690, -30.3535, -64.5200.

-64.5200.

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

153.5690, -30.3535, -64.5200

Protanopia

172.9650, -43.8597, 21.0787

Deuteranopia

176.1870, -37.0672, 35.7930



Tritanopia

168.1920, 18.6393, -51.9114

Trichromacy



Original Color

153.5690, -30.3535, -64.5200



Protanomaly

165.7330, -38.8154, -10.2898



Deuteranomaly

167.9390, -34.4799, -0.8235



Tritanomaly

162.5770, 1.1945, -56.6340

Monochromacy



Original Color

153.5690, -30.3535, -64.5200



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.8710, -11.2754, -23.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5690, -30.3535, -64.5200 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(80, 203, 92)` looks like.

```
.text, #text, p{  
    color:rgb(80, 203, 92)  
}
```

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(80, 203, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 203, 92) }
```

Border

The CSS property to change the border of an element to YUV 153.5690, -30.3535, -64.5200 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(80, 203, 92) }
```


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

```
.border{ border-color:rgb(80, 203, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 203, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 203, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 203, 92);  
box-shadow:4px 4px 4px 4px rgb(80, 203,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 153.5690, -30.3535, -64.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 203, 92) }
```

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

```
.background{ background-color: rgb(80, 203,  
92) }
```

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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