

Converting Colors

YUV(153.4110, -10.5556,
-67.8894)

Have a look what the booklet for
YUV(153.4110, -10.5556, -67.8894)
contains.

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Color

**YUV(153.4110, -10.5556,
-67.8894)**

Conversions

Conversions Part 1

Format	Color
Hex	4CC584
RGB	76, 197, 132
RGB Percent	30%, 77%, 52%
CMY	0.7020, 0.2275, 0.4824
CMYK	0.61, 0.00, 0.33, 0.23
HSL	148°, 51%, 54%
HSV	148°, 61%, 77%
XYZ	27.1116, 43.1349, 28.7267
YIQ	153.4110, -51.2510, -45.8670

Conversions

Conversions Part 2

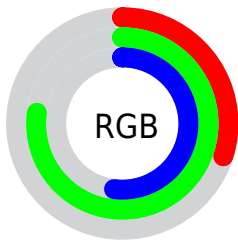
Format	Color
RYB	76, 159, 197
Decimal	5031300
CIELab	71.65, -48.65, 22.84
CIELCh	72, 53.745, 154.851
Yxy	43.1349, 0.2739, 0.4358
Android (android.graphics.Color)	4283221380 (0xFF4CC584)
YUV	153.4110, -10.5556, -67.8894
Hunter-Lab	65.6772, -41.2502, 20.0410

Details

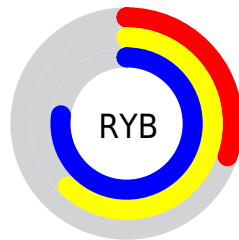
The YUV color **153.4110, -10.5556, -67.8894** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **119.5890, 10.5556, 67.8894**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.8520, -12.7450, -65.6452**, and **92.7020, -5.2761, -81.2997** is the 20% darker color. If you saturate the color by 10%, you get **146.1770, -12.4123, -79.0852**, and if you desaturate by 10%, it is **160.6450, -8.6990, -56.6937**.

Distribution



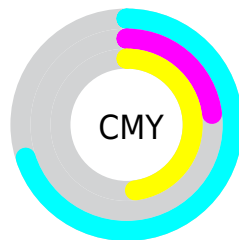
- Red (30%)
- Green (77%)
- Blue (52%)



- Red (30%)
- Yellow (62%)
- Blue (77%)



- Cyan (61%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)



- Cyan (70%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4110, -10.5556, -67.8894 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 153.4110, -10.5556, -67.8894 by changing the saturation by 10% instead.

■ 153.4110,
-10.5556, -67.8894

■ 153.4110,
-10.5556, -67.8894

■ 255.0000, 0.0000,
0.0000

■ 123.9590, -8.3608,
-71.8780

■ 210.8520,
-12.7450, -65.6452

■ 92.7020, -5.2761,
-81.2997

■ 223.3020, -5.0789,
-51.1309

■ 74.7040, -8.2351,
-65.5154

■ 235.2790, 3.3135,
-36.2017

■ 56.9340, -10.3205,
-49.9311

■ 245.7310, 4.5696,
-19.0581

■ 40.3380, -12.9846,
-35.3764

■ 254.7010, 0.1474,
-0.6148

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 153.4110,
-10.5556, -67.8894

■ 153.4110,
-10.5556, -67.8894

■ 146.1770,
-12.4123, -79.0852

■ 160.6450, -8.6990,
-56.6937

■ 139.3560,
-13.9795, -89.7662

■ 167.4660, -7.1317,
-46.0127

■ 132.1220,
-15.8361, -100.9620

■ 174.7000, -5.2751,
-34.8169

■ 126.0130,
-17.2614, -110.5134

■ 181.8200, -3.8553,
-23.5211

■ 189.0540, -1.9986,
-12.3254

■ 195.8750, -0.4314,
-1.6444

■ 203.1090, 1.4253,
9.5514

■ 210.3430, 3.2819,
20.7472

■ 217.1640, 4.8491,
31.4282

Harmonies

Analogous

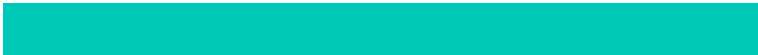
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.7860, -35.8835, -17.3523



153.4110, -10.5556, -67.8894



138.1480, 21.6190, -121.1558

Triad

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



153.4110, -10.5556, -67.8894



164.0540, 44.8364, -54.4214



172.9200, -25.1036, 71.9842

Complementary

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



153.4110, -10.5556, -67.8894



119.5890, 10.5556, 67.8894

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.



173.5820, -2.2589, 71.4036



153.4110, -10.5556, -67.8894



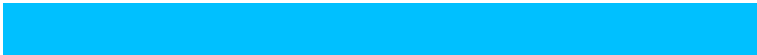
178.9140, 37.5104, 8.8454

Square

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



153.4110, -10.5556, -67.8894



141.7740, 55.8204, -124.3358



179.9770, 18.7453, 54.3942



173.4130, -43.0946, 55.7658

Rectangle

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



153.4110, -10.5556, -67.8894



141.9100, 36.0334, -124.4551



179.9770, 18.7453, 54.3942



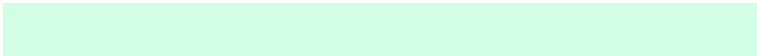
172.2820, -17.3940, 72.5437

Sweetspot

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



153.4110, -10.5556, -67.8894



238.3960, -4.1392, -25.7803



167.0600, -44.8926, -21.1006



117.5050, -2.7140, -16.2289



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.



153.4110, -10.5556, -67.8894



186.9750, -16.2567, -106.0951



160.1370, 15.2155, -73.7881



95.7390, -0.8573, -5.0331



104.3450, -13.9741, -91.5106



23.0700, -2.9925, -20.2324

Inverse Universe

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



119.5890, 10.5556, 67.8894



134.1390, 16.6935, 105.9951



112.8630, -15.2155, 73.7881



93.2610, 0.8573, 5.0331



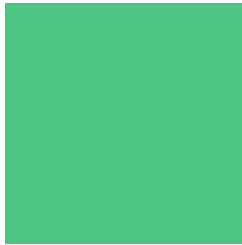
58.7690, 14.4109, 91.4106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 153.4110, -10.5556, -67.8894 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 153.4110, -10.5556, -67.8894 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 153.4110, -10.5556, -67.8894 Background



This preview shows how black text looks on a background with the YUV color 153.4110, -10.5556, -67.8894.



This preview shows how white text looks on a background with the YUV color 153.4110, -10.5556, -67.8894.

-67.8894.

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

153.4110, -10.5556, -67.8894

Protanopia

172.2580, -24.7772, 13.8057

Deuteranopia

174.5720, -17.5370, 24.9314



Tritanopia

163.0990, 19.6712, -56.2148

Trichromacy



Original Color

153.4110, -10.5556, -67.8894



Protanomaly

165.1510, -19.3014, -15.9184



Deuteranomaly

166.9330, -15.2500, -8.7112



Tritanomaly

159.5040, 8.6255, -60.0780

Monochromacy



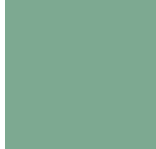
Original Color

153.4110, -10.5556, -67.8894



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.1080, -3.9972, -24.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4110, -10.5556, -67.8894 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(76, 197, 132)` looks like.

```
.text, #text, p{  
    color:rgb(76, 197, 132)  
}
```

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(76, 197, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 197, 132) }
```

Border

The CSS property to change the border of an element to YUV 153.4110, -10.5556, -67.8894 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(76, 197, 132) }
```


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

```
.border{ border-color:rgb(76, 197, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 197, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 197, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 197, 132);  
box-shadow:4px 4px 4px 4px rgb(76, 197,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 153.4110, -10.5556, -67.8894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 197, 132) }
```

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

```
.background{ background-color: rgb(76, 197,  
132) }
```

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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