

Converting Colors

YUV(151.7350, -22.0544,
-66.4196)

Have a look what the booklet for
YUV(151.7350, -22.0544, -66.4196)
contains.

YUV(151.7350, -22.0544, -66.4196)	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(151.7350, -22.0544,
-66.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	4CC76B
RGB	76, 199, 107
RGB Percent	30%, 78%, 42%
CMY	0.7020, 0.2196, 0.5804
CMYK	0.62, 0.00, 0.46, 0.22
HSL	135°, 52%, 54%
HSV	135°, 62%, 78%
XYZ	26.0578, 43.4449, 20.9222
YIQ	151.7350, -43.7760, -54.6880

Conversions

Conversions Part 2

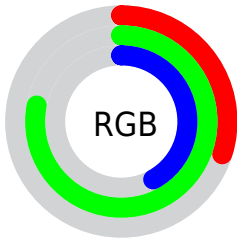
Format	Color
RYB	76, 174, 199
Decimal	5031787
CIELab	71.86, -53.87, 36.06
CIELCh	72, 64.831, 146.200
Yxy	43.4449, 0.2882, 0.4805
Android (android.graphics.Color)	4283221867 (0xFF4CC76B)
YUV	151.7350, -22.0544, -66.4196
Hunter-Lab	65.9127, -44.7796, 27.3189

Details

The YUV color **151.7350, -22.0544, -66.4196** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **123.2650, 22.0544, 66.4196**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5890, -23.9544, -63.6606**, and **91.0260, -16.7748, -79.8298** is the 20% darker color. If you saturate the color by 10%, you get **144.0450, -25.6582, -77.2155**, and if you desaturate by 10%, it is **159.4250, -18.4505, -55.6237**.

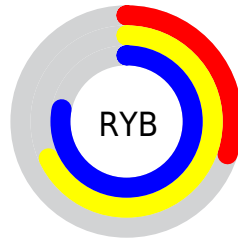
Distribution



Red (30%)

Green (78%)

Blue (42%)



Red (30%)

Yellow (68%)

Blue (78%)

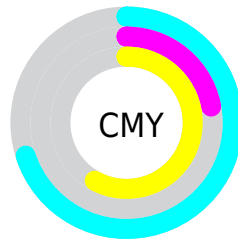


Cyan (62%)

Magenta (0%)

Yellow (46%)

Black (22%)



Cyan (70%)

Magenta (22%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.7350, -22.0544, -66.4196 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 151.7350, -22.0544, -66.4196 by changing the saturation by 10% instead.

■ 151.7350,
-22.0544, -66.4196

■ 151.7350,
-22.0544, -66.4196

■ 255.0000, 0.0000,
0.0000

■ 121.9840,
-19.7121, -71.0230

■ 208.5890,
-23.9544, -63.6606

■ 91.0260, -16.7748,
-79.8298

■ 220.3380,
-16.4356, -48.5314

■ 72.4410, -19.4444,
-63.5308

■ 232.5000, -8.6275,
-32.8875

■ 54.5740, -24.4400,
-47.8614

■ 244.7760, -0.3826,
-17.3436

■ 39.3290, -19.3892,
-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 151.7350,
-22.0544, -66.4196

■ 151.7350,
-22.0544, -66.4196

■ 144.0450,
-25.6582, -77.2155

■ 159.4250,
-18.4505, -55.6237

■ 136.3550,
-29.2620, -88.0113

■ 167.1150,
-14.8467, -44.8279

■ 128.6650,
-32.8658, -98.8072

■ 174.8050,
-11.2429, -34.0320

■ 122.5130,
-35.7489, -107.4439

■ 182.4950, -7.6390,
-23.2361

■ 190.0710, -4.4720,
-12.3403

■ 197.4620, -0.7208,
-2.1592

■ 205.1520, 2.8831,
8.6367

■ 212.8420, 6.4869,
19.4326

■ 220.5320, 10.0907,
30.2284

Harmonies

Analogous

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



163.9540, -50.7563, -6.9757



151.7350, -22.0544, -66.4196



138.6720, 13.4727, -121.6153

Triad

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



151.7350, -22.0544, -66.4196



137.6650, 57.8462, -120.7322



165.2720, -18.8681, 78.6915

Complementary

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



151.7350, -22.0544, -66.4196



123.2650, 22.0544, 66.4196

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.



169.0630, 8.3499, 75.3667



151.7350, -22.0544, -66.4196



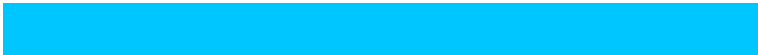
174.3740, 39.7486, -9.0980

Square

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



151.7350, -22.0544, -66.4196



145.2960, 54.0841, -127.4246



180.7670, 30.6809, 52.8243



172.0130, -46.3484, 72.7796

Rectangle

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



151.7350, -22.0544, -66.4196



143.9330, 31.0920, -126.2292



180.7670, 30.6809, 52.8243



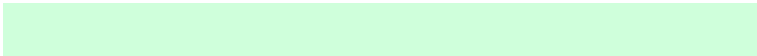
165.0900, -9.4114, 78.8511

Sweetspot

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



151.7350, -22.0544, -66.4196



236.5440, -8.6492, -25.9101



175.7090, -49.1565, -6.7608



116.5220, -5.1873, -16.2438



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.



151.7350, -22.0544, -66.4196



182.4150, -33.7286, -102.0960



158.6890, 4.5903, -72.5183



95.5110, -1.7309, -4.8331



100.3550, -29.2620, -88.0113



22.1580, -6.4869, -19.4326

Inverse Universe

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



123.2650, 22.0544, 66.4196



138.5850, 33.7286, 102.0960



116.3110, -4.5903, 72.5183



93.4890, 1.7309, 4.8331



62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 151.7350, -22.0544, -66.4196 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 151.7350, -22.0544, -66.4196 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 151.7350, -22.0544, -66.4196 Background



This preview shows how black text looks on a background with the YUV color 151.7350, -22.0544, -66.4196.



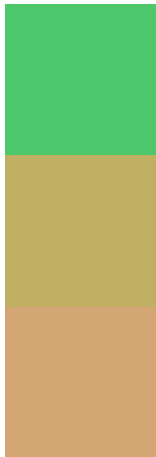
This preview shows how white text looks on a background with the YUV color 151.7350, -22.0544, -66.4196.

-66.4196.

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

151.7350, -22.0544, -66.4196

Protanopia

171.3050, -36.1394, 18.1495

Deuteranopia

173.9290, -29.0520, 31.6343



Tritanopia

164.2950, 19.0816, -53.7557

Trichromacy



Original Color

151.7350, -22.0544, -66.4196



Protanomaly

164.3720, -31.2424, -12.6042



Deuteranomaly

165.9800, -26.6121, -4.3675



Tritanomaly

159.6630, 4.1101, -58.4635

Monochromacy



Original Color

151.7350, -22.0544, -66.4196



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.7830, -7.7810, -24.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.7350, -22.0544, -66.4196 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, 199, 107)` looks like.

```
.text, #text, p{  
    color:rgb(76, 199, 107)  
}
```

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, 199, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 199, 107) }
```

Border

The CSS property to change the border of an element to YUV 151.7350, -22.0544, -66.4196 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, 199, 107) }
```


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

```
.border{ border-color:rgb(76, 199, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 199, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 199, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 199, 107);  
box-shadow:4px 4px 4px 4px rgb(76, 199,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 151.7350, -22.0544, -66.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 199, 107) }
```

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

```
.background{ background-color: rgb(76, 199,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor