

Converting Colors

YUV(155.3070, -26.2804,
-64.2902)

Have a look what the booklet for
YUV(155.3070, -26.2804, -64.2902)
contains.

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Color

**YUV(155.3070, -26.2804,
-64.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	52CB66
RGB	82, 203, 102
RGB Percent	32%, 80%, 40%
CMY	0.6784, 0.2039, 0.6000
CMYK	0.60, 0.00, 0.50, 0.20
HSL	130°, 54%, 56%
HSV	130°, 60%, 80%
XYZ	27.2339, 45.4650, 19.9106
YIQ	155.3070, -39.6950, -57.0630

Conversions

Conversions Part 2

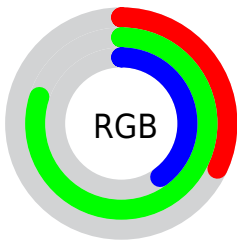
Format	Color
R _Y B	82, 186, 203
Decimal	5426022
CIE Lab	73.20, -54.84, 40.27
CIE LCh	73, 68.036, 143.711
Yxy	45.4650, 0.2941, 0.4909
Android (android.graphics.Color)	4283616102 (0xFF52CB66)
YUV	155.3070, -26.2804, -64.2902
Hunter-Lab	67.4278, -45.9029, 29.6918

Details

The YUV color **155.3070, -26.2804, -64.2902** 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 **129.6930, 26.2804, 64.2902**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8130, -27.0228, -59.4720**, and **92.8040, -20.1164, -81.3891** is the 20% darker color. If you saturate the color by 10%, you get **147.3890, -30.7578, -74.8862**, and if you desaturate by 10%, it is **163.2250, -21.8029, -53.6943**.

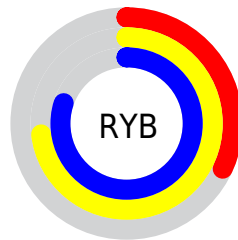
Distribution



Red (32%)

Green (80%)

Blue (40%)



Red (32%)

Yellow (73%)

Blue (80%)

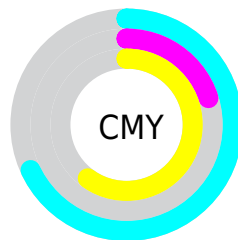


Cyan (60%)

Magenta (0%)

Yellow (50%)

Black (20%)



Cyan (68%)

Magenta (20%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3070, -26.2804, -64.2902 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 155.3070, -26.2804, -64.2902 by changing the saturation by 10% instead.

■ 155.3070,
-26.2804, -64.2902

■ 155.3070,
-26.2804, -64.2902

■ 255.0000, 0.0000,
0.0000

■ 125.8550,
-24.0855, -68.2788

■ 209.8130,
-27.0228, -59.4720

■ 92.8040, -20.1164,
-81.3891

■ 221.5620,
-19.5041, -44.3429

■ 73.9910, -23.6596,
-64.8901

■ 233.7240,
-11.6959, -28.6989

■ 55.7650, -27.4921,
-48.9059

■ 246.0000, -3.4510,
-13.1550

■ 41.0900, -20.2574,
-36.0359

■ 28.1760, -13.8908,
-24.7104

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 155.3070,
-26.2804, -64.2902

■ 155.3070,
-26.2804, -64.2902

■ 147.3890,
-30.7578, -74.8862

■ 163.2250,
-21.8029, -53.6943

■ 139.1720,
-35.0878, -86.0968

■ 171.4420,
-17.4729, -42.4836

■ 131.2540,
-39.5652, -96.6928

■ 179.3600,
-12.9955, -31.8877

■ 123.3360,
-44.0426, -107.2887

■ 187.2780, -8.5181,
-21.2918

■ 123.0370,
-43.8952, -107.9034

■ 195.4950, -4.1880,
-10.0811

■ 203.4130, 0.2894,
0.5148

■ 211.3310, 4.7668,
11.1107

■ 219.2490, 9.2442,
21.7066

■ 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.



167.3090, -55.8613, -2.9020



155.3070, -26.2804, -64.2902



141.3790, 11.1522, -123.9894

Triad

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



155.3070, -26.2804, -64.2902



141.1870, 56.1098, -123.8210



165.3690, -15.9579, 78.6064

Complementary

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



155.3070, -26.2804, -64.2902



129.6930, 26.2804, 64.2902

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.



170.2030, 12.7179, 74.3670



155.3070, -26.2804, -64.2902



175.2160, 39.3335, -15.9754

Square

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



155.3070, -26.2804, -64.2902



148.8180, 52.3477, -130.5134



184.9670, 34.0333, 50.8949



171.5400, -45.6222, 73.1944

Rectangle

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



155.3070, -26.2804, -64.2902



146.8680, 29.6451, -128.8032



184.9670, 34.0333, 50.8949



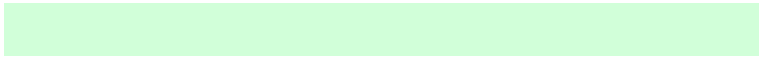
165.4150, -5.6276, 78.5660

Sweetspot

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



155.3070, -26.2804, -64.2902



236.9140, -9.8176, -24.4806



183.8240, -50.1992, 1.0314



116.5930, -6.2083, -15.4291



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.



155.3070, -26.2804, -64.2902



182.5420, -39.7072, -97.8223



162.0330, -0.5093, -70.1889



97.9840, -2.4571, -5.2480



100.5200, -36.2454, -88.1560



22.9900, -8.3761, -20.1622

Inverse Universe

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



129.6930, 26.2804, 64.2902



143.5720, 40.1440, 97.7224



122.9670, 0.5093, 70.1889



95.9020, 2.0203, 5.3479



65.3660, 35.8086, 88.2560



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 155.3070, -26.2804, -64.2902 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 155.3070, -26.2804, -64.2902 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 155.3070, -26.2804, -64.2902 Background



This preview shows how black text looks on a background with the YUV color 155.3070, -26.2804, -64.2902.



This preview shows how white text looks on a background with the YUV color 155.3070, -26.2804, -64.2902.

-64.2902.

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

155.3070, -26.2804, -64.2902

Protanopia

174.6920, -39.7812, 19.5641

Deuteranopia

176.9140, -32.9886, 34.2784



Tritanopia

168.3060, 19.0761, -52.0114

Trichromacy



Original Color

155.3070, -26.2804, -64.2902



Protanomaly

167.7590, -34.8842, -11.1896



Deuteranomaly

168.9650, -30.5487, -1.7233



Tritanomaly

163.3320, 2.7943, -56.4192

Monochromacy



Original Color

155.3070, -26.2804, -64.2902



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.7400, -9.2388, -23.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3070, -26.2804, -64.2902 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(82, 203, 102)` looks like.

```
.text, #text, p{  
    color:rgb(82, 203, 102)  
}
```

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(82, 203, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 203, 102) }
```

Border

The CSS property to change the border of an element to YUV 155.3070, -26.2804, -64.2902 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(82, 203, 102) }
```


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

```
.border{ border-color:rgb(82, 203, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 203, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 203, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 203, 102);  
box-shadow:4px 4px 4px 4px rgb(82, 203,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 155.3070, -26.2804, -64.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 203, 102) }
```

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

```
.background{ background-color: rgb(82, 203,  
102) }
```

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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