

Converting Colors

YUV(155.6040, -40.2308,
-69.8127)

Have a look what the booklet for
YUV(155.6040, -40.2308, -69.8127)
contains.

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Color

**YUV(155.6040, -40.2308,
-69.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	4CD44A
RGB	76, 212, 74
RGB Percent	30%, 83%, 29%
CMY	0.7020, 0.1686, 0.7098
CMYK	0.64, 0.00, 0.65, 0.17
HSL	119°, 62%, 56%
HSV	119°, 65%, 83%
XYZ	27.7600, 49.1179, 14.4962
YIQ	155.6040, -36.7580, -71.7500

Conversions

Conversions Part 2

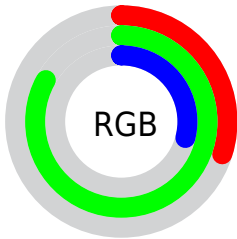
Format	Color
RYB	74, 212, 210
Decimal	5035082
CIELab	75.52, -62.76, 55.68
CIELCh	76, 83.900, 138.424
Yxy	49.1179, 0.3038, 0.5375
Android (android.graphics.Color)	4283225162 (0xFF4CD44A)
YUV	155.6040, -40.2308, -69.8127
Hunter-Lab	70.0841, -51.9442, 36.7954

Details

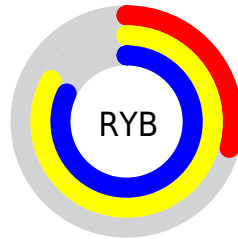
The YUV color **155.6040, -40.2308, -69.8127** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **130.3960, 40.2308, 69.8127**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8380, -38.3741, -58.6169**, and **92.7120, -40.7770, -81.3084** is the 20% darker color. If you saturate the color by 10%, you get **146.9310, -46.3080, -80.6235**, and if you desaturate by 10%, it is **164.2770, -34.1536, -59.0019**.

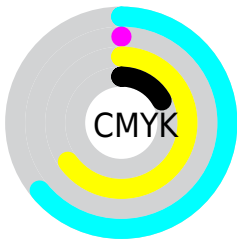
Distribution



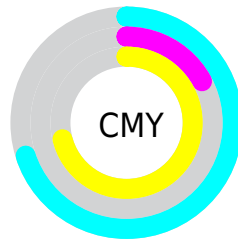
- Red (30%)
- Green (83%)
- Blue (29%)



- Red (29%)
- Yellow (83%)
- Blue (82%)



- Cyan (64%)
- Magenta (0%)
- Yellow (65%)
- Black (17%)



- Cyan (70%)
- Magenta (17%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.6040, -40.2308, -69.8127 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 155.6040, -40.2308, -69.8127 by changing the saturation by 10% instead.

■ 155.6040,
-40.2308, -69.8127

■ 155.6040,
-40.2308, -69.8127

■ 255.0000, 0.0000,
0.0000

■ 124.0160,
-38.4619, -77.1900

■ 205.8380,
-38.3741, -58.6169

■ 92.7120, -40.7770,
-81.3084

■ 218.2990,
-30.7134, -42.3582

■ 75.7230, -37.3314,
-66.4091

■ 230.4610,
-22.9053, -26.7143

■ 60.4610, -29.8073,
-53.0243

■ 242.6230,
-15.0971, -11.0704

■ 45.1990, -22.2831,
-39.6395

■ 253.4040, -6.1152,
1.3997

■ 31.6980, -15.6271,
-27.7991

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 155.6040,
-40.2308, -69.8127

■ 155.6040,
-40.2308, -69.8127

■ 146.9310,
-46.3080, -80.6235

■ 164.2770,
-34.1536, -59.0019

■ 138.2580,
-52.3852, -91.4343

■ 172.9500,
-28.0763, -48.1911

■ 129.4710,
-58.8992, -102.1451

■ 181.7370,
-21.5623, -37.4803

■ 125.3410,
-61.7931, -107.2931

■ 190.4100,
-15.4851, -26.6696

■ 198.7840, -9.2605,
-16.4736

■ 207.4570, -3.1833,
-5.6628

■ 216.1300, 2.8939,
5.1480

■ 224.9170, 9.4079,
15.8588

■ 229.7590, 12.4438,
22.1364

Harmonies

Analogous

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



168.5620, -83.1011, 7.4001



155.6040, -40.2308, -69.8127



146.4680, 2.7273, -128.4524

Triad

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



155.6040, -40.2308, -69.8127



148.8180, 52.3477, -130.5134



155.8290, -6.8177, 86.9730

Complementary

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



155.6040, -40.2308, -69.8127



130.3960, 40.2308, 69.8127

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.



165.1940, 26.5264, 78.7599



155.6040, -40.2308, -69.8127



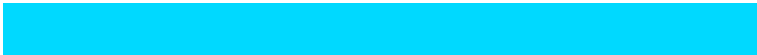
168.2400, 42.7727, -45.8145

Square

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



155.6040, -40.2308, -69.8127



156.4490, 48.5856, -137.2058



186.5760, 33.7330, 53.8688



165.2310, -46.9489, 78.7274

Rectangle

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



155.6040, -40.2308, -69.8127



153.2110, 26.0250, -134.3660



186.5760, 33.7330, 53.8688



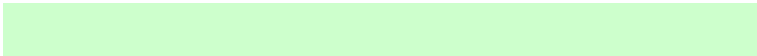
155.8580, 5.9860, 86.9475

Sweetspot

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



155.6040, -40.2308, -69.8127



234.2360, -14.9063, -25.6400



195.0940, -59.6993, 14.8266



115.1970, -8.9711, -15.9588



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.



155.6040, -40.2308, -69.8127



173.7100, -58.0310, -100.6007



162.6440, -10.6705, -77.7408



102.7560, -3.3307, -5.0480



100.9750, -49.7807, -86.8011



25.5400, -12.5912, -21.5216

Inverse Universe

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



130.3960, 40.2308, 69.8127



137.2900, 58.0310, 100.6007



123.3560, 10.6705, 77.7408



100.5430, 3.1833, 5.6628



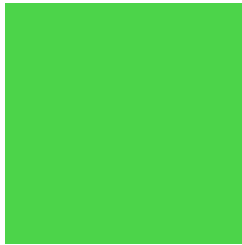
69.7260, 49.9281, 86.1863



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 155.6040, -40.2308, -69.8127 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 155.6040, -40.2308, -69.8127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

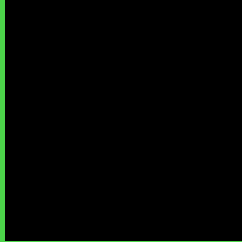
Any Text WCAG AA ✓ Pass

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 155.6040, -40.2308, -69.8127 Background



This preview shows how black text looks on a background with the YUV color 155.6040, -40.2308, -69.8127.



This preview shows how white text looks on a background with the YUV color 155.6040, -40.2308, -69.8127.

-69.8127.

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

155.6040, -40.2308, -69.8127

Protanopia

177.7130, -55.0745, 24.8077

Deuteranopia

181.2880, -46.9770, 40.9664



Tritanopia

173.8110, 19.8132, -55.0852

Trichromacy



Original Color

155.6040, -40.2308, -69.8127



Protanomaly

169.8720, -49.7299, -9.5347



Deuteranomaly

172.0180, -44.3789, 0.8612



Tritanomaly

167.0450, -1.9942, -60.5525

Monochromacy



Original Color

155.6040, -40.2308, -69.8127



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.6490, -14.6170, -25.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.6040, -40.2308, -69.8127 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, 212, 74)` looks like.

```
.text, #text, p{  
    color:rgb(76, 212, 74)  
}
```

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, 212, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 212, 74) }
```

Border

The CSS property to change the border of an element to YUV 155.6040, -40.2308, -69.8127 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, 212, 74) }
```


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

```
.border{ border-color:rgb(76, 212, 74) }
```

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

Here you see how a box with a 4 pixel rgb(76, 212, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 212, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 212, 74);  
box-shadow:4px 4px 4px 4px rgb(76, 212,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 155.6040, -40.2308, -69.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 212, 74) }
```

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

```
.background{ background-color: rgb(76, 212,  
74) }
```

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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