

Converting Colors

YUV(164.7140, -40.2850,
-52.3692)

Have a look what the booklet for
YUV(164.7140, -40.2850, -52.3692)
contains.

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Color

**YUV(164.7140, -40.2850,
-52.3692)**

Conversions

Conversions Part 1

Format	Color
Hex	69D353
RGB	105, 211, 83
RGB Percent	41%, 83%, 33%
CMY	0.5882, 0.1725, 0.6745
CMYK	0.50, 0.00, 0.61, 0.17
HSL	110°, 59%, 58%
HSV	110°, 61%, 83%
XYZ	30.6813, 50.2163, 16.2593
YIQ	164.7140, -22.0880, -62.2800

Conversions

Conversions Part 2

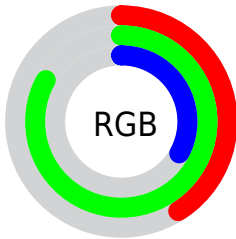
Format	Color
RYB	83, 211, 189
Decimal	6935379
CIELab	76.20, -54.43, 52.86
CIElCh	76, 75.876, 135.838
Yxy	50.2163, 0.3158, 0.5169
Android (android.graphics.Color)	4285125459 (0xFF69D353)
YUV	164.7140, -40.2850, -52.3692
Hunter-Lab	70.8635, -46.7271, 36.0006

Details

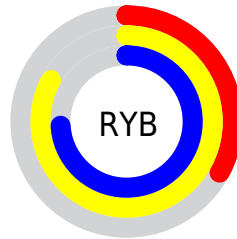
The YUV color **164.7140, -40.2850, -52.3692** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **129.2860, 40.2850, 52.3692**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0400, -37.9807, -44.7621**, and **106.0230, -38.9583, -57.9022** is the 20% darker color. If you saturate the color by 10%, you get **157.2370, -46.9518, -60.7208**, and if you desaturate by 10%, it is **172.1910, -33.6182, -44.0175**.

Distribution



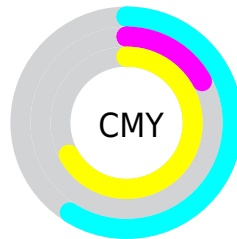
- Red (41%)
- Green (83%)
- Blue (33%)



- Red (33%)
- Yellow (83%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (61%)
- Black (17%)



- Cyan (59%)
- Magenta (17%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7140, -40.2850, -52.3692 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 164.7140, -40.2850, -52.3692 by changing the saturation by 10% instead.

■ 164.7140,
-40.2850, -52.3692

■ 164.7140,
-40.2850, -52.3692

■ 255.0000, 0.0000,
0.0000

■ 136.2300,
-39.5534, -53.6987

■ 214.0400,
-37.9807, -44.7621

■ 106.0230,
-38.9583, -57.9022

■ 226.0880,
-30.6094, -29.0182

■ 75.7230, -37.3314,
-66.4091

■ 237.9510,
-22.6538, -13.9890

■ 60.4610, -29.8073,
-53.0243

■ 250.5260,
-14.5563, 2.1697

■ 45.1990, -22.2831,
-39.6395

■ 254.4300, -2.1840,
0.4999

■ 31.6980, -15.6271,
-27.7991

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 164.7140,
-40.2850, -52.3692

■ 164.7140,
-40.2850, -52.3692

■ 157.2370,
-46.9518, -60.7208

■ 172.1910,
-33.6182, -44.0175

■ 149.4610,
-53.4713, -69.6873

■ 179.9670,
-27.0987, -35.0511

■ 141.9840,
-60.1381, -78.0390

■ 187.4440,
-20.4319, -26.6994

■ 134.6210,
-66.3682, -86.4906

■ 195.2200,
-13.9125, -17.7329

■ 202.6970, -7.2456,
-9.3813

■ 210.5870, -0.2894,
-0.5148

■ 218.0640, 6.3774,
7.8369

■ 225.8400, 12.8969,
16.8033

■ 229.1720, 12.7332,
22.6512

Harmonies

Analogous

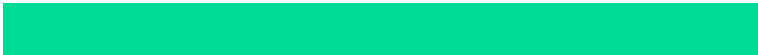
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.4560, -72.2028, 11.8781



164.7140, -40.2850, -52.3692



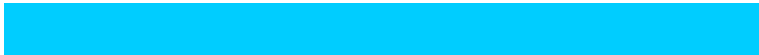
145.7670, 2.5799, -127.8377

Triad

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



164.7140, -40.2850, -52.3692



149.4050, 52.0583, -131.0282



164.8280, -5.3382, 79.0808

Complementary

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



164.7140, -40.2850, -52.3692



129.2860, 40.2850, 52.3692

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.



175.1560, 24.0801, 70.0232



164.7140, -40.2850, -52.3692



171.7730, 41.0309, -47.1589

Square

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



164.7140, -40.2850, -52.3692



156.4490, 48.5856, -137.2058



189.4560, 32.3132, 42.5731



170.3320, -40.0967, 74.2538

Rectangle

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



164.7140, -40.2850, -52.3692



152.5270, 23.4042, -133.7662



189.4560, 32.3132, 42.5731



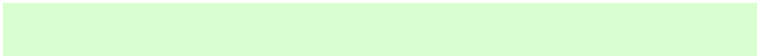
165.6890, 5.5763, 78.3257

Sweetspot

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



164.7140, -40.2850, -52.3692



238.3940, -14.4912, -18.7625



182.9070, -49.2542, 24.6376



117.5180, -9.1294, -11.8553



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.



164.7140, -40.2850, -52.3692



187.7500, -58.5438, -76.0798



162.8100, -19.1333, -69.9934



101.0550, -3.4781, -4.4332



107.2870, -52.8925, -68.6577



26.1600, -12.8969, -16.8033

Inverse Universe

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



129.2860, 40.2850, 52.3692



136.2500, 58.5437, 76.0798



131.1900, 19.1333, 69.9934



97.9450, 3.4781, 4.4332



60.7130, 52.8925, 68.6577



14.8400, 12.8969, 16.8033

Previews

White Background



This preview shows how the YUV color 164.7140, -40.2850, -52.3692 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 164.7140, -40.2850, -52.3692 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 164.7140, -40.2850, -52.3692 Background



This preview shows how black text looks on a background with the YUV color 164.7140, -40.2850, -52.3692.

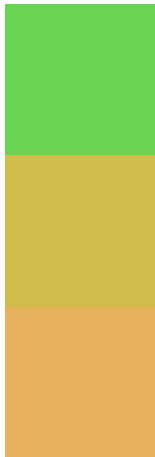


This preview shows how white text looks on a background with the YUV color 164.7140, -40.2850, -52.3692.

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

164.7140, -40.2850, -52.3692

Protanopia

180.6250, -51.5801, 24.0079

Deuteranopia

183.8580, -44.7930, 40.4665



Tritanopia

179.7910, 16.8650, -42.7897

Trichromacy



Original Color

164.7140, -40.2850, -52.3692



Protanomaly

175.1870, -47.4202, -3.6720



Deuteranomaly

176.9910, -43.3796, 7.0239



Tritanomaly

174.5630, -4.2216, -46.0978

Monochromacy



Original Color

164.7140, -40.2850, -52.3692



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.9810, -14.7806, -19.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7140, -40.2850, -52.3692 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(105, 211, 83)` looks like.

```
.text, #text, p{  
    color:rgb(105, 211, 83)  
}
```

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(105, 211, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 211, 83) }
```

Border

The CSS property to change the border of an element to YUV 164.7140, -40.2850, -52.3692 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(105, 211, 83) }
```


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

```
.border{ border-color:rgb(105, 211, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 211, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 211, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 211, 83);  
box-shadow:4px 4px 4px 4px rgb(105, 211,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 164.7140, -40.2850, -52.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 211, 83) }
```

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

```
.background{ background-color: rgb(105,  
211, 83) }
```

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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