

Converting Colors

YUV(164.7830, -34.8960,
-54.1837)

Have a look what the booklet for
YUV(164.7830, -34.8960, -54.1837)
contains.

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Color

**YUV(164.7830, -34.8960,
-54.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	67D25E
RGB	103, 210, 94
RGB Percent	40%, 82%, 37%
CMY	0.5961, 0.1765, 0.6314
CMYK	0.51, 0.00, 0.55, 0.18
HSL	115°, 56%, 60%
HSV	115°, 55%, 82%
XYZ	30.6605, 49.7849, 18.5831
YIQ	164.7830, -26.5360, -58.7600

Conversions

Conversions Part 2

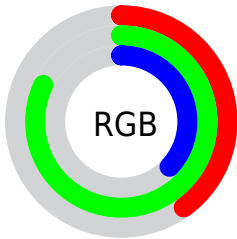
Format	Color
RYB	94, 210, 201
Decimal	6804062
CIELab	75.94, -53.37, 47.57
CIELCh	76, 71.494, 138.285
Yxy	49.7849, 0.3096, 0.5027
Android (android.graphics.Color)	4284994142 (0xFF67D25E)
YUV	164.7830, -34.8960, -54.1837
Hunter-Lab	70.5584, -45.9117, 33.7755

Details

The YUV color **164.7830, -34.8960, -54.1837** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **139.2170, 34.8960, 54.1837**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5820, -33.3179, -46.9914**, and **106.8470, -31.9696, -59.5018** is the 20% darker color. If you saturate the color by 10%, you get **156.7080, -41.2680, -63.7649**, and if you desaturate by 10%, it is **172.8580, -28.5240, -44.6025**.

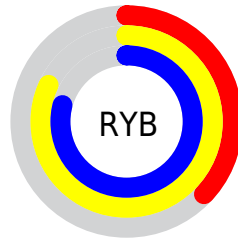
Distribution



Red (40%)

Green (82%)

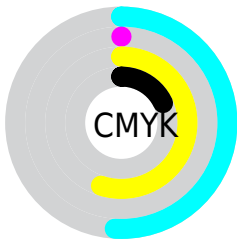
Blue (37%)



Red (37%)

Yellow (82%)

Blue (79%)

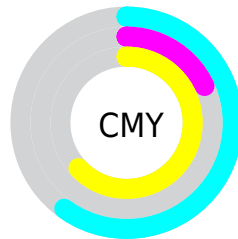


Cyan (51%)

Magenta (0%)

Yellow (55%)

Black (18%)



Cyan (60%)

Magenta (18%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7830, -34.8960, -54.1837 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 164.7830, -34.8960, -54.1837 by changing the saturation by 10% instead.

■ 164.7830,
-34.8960, -54.1837

■ 164.7830,
-34.8960, -54.1837

255.0000, 0.0000,
0.0000

■ 136.4130,
-33.7276, -55.6132

■ 214.5820,
-33.3179, -46.9914

■ 106.8470,
-31.9696, -59.5018

■ 226.4450,
-25.3624, -31.9623

■ 76.2760, -32.6741,
-66.8941

■ 238.6070,
-17.5543, -16.3183

■ 59.8740, -29.5179,
-52.5095

■ 250.7690, -9.7461,
-0.6744

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,
-27.2843

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 164.7830,
-34.8960, -54.1837

■ 164.7830,
-34.8960, -54.1837

■ 156.7080,
-41.2680, -63.7649

■ 172.8580,
-28.5240, -44.6025

■ 148.3340,
-47.4927, -73.9609

■ 181.2320,
-22.2994, -34.4065

■ 140.2590,
-53.8647, -83.5421

■ 189.3070,
-15.9274, -24.8252

■ 132.1840,
-60.2367, -93.1234

■ 197.3820, -9.5553,
-15.2440

■ 128.0540,
-63.1306, -98.2714

■ 205.7560, -3.3307,
-5.0480

■ 213.8310, 3.0413,
4.5332

■ 222.2050, 9.2659,
14.7292

■ 228.5850, 13.0226,
23.1660

Harmonies

Analogous

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



175.0130, -63.6034, 7.0046



164.7830, -34.8960, -54.1837



145.3910, 6.2162, -127.5079

Triad

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



164.7830, -34.8960, -54.1837



147.6440, 52.9265, -129.4838



167.8940, -8.8217, 76.3920

Complementary

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



164.7830, -34.8960, -54.1837



139.2170, 34.8960, 54.1837

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.



176.0050, 19.7175, 69.2786



164.7830, -34.8960, -54.1837



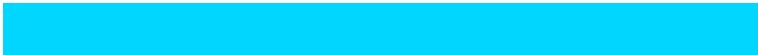
175.9920, 38.9509, -33.3190

Square

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



164.7830, -34.8960, -54.1837



154.6880, 49.4538, -135.6614



190.3530, 31.8710, 44.4174



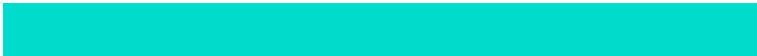
173.3810, -41.1068, 71.5799

Rectangle

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



164.7830, -34.8960, -54.1837



151.8090, 25.7302, -133.1365



190.3530, 31.8710, 44.4174



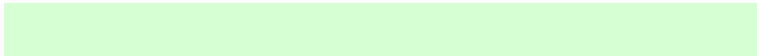
168.6410, 1.6560, 75.7368

Sweetspot

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



164.7830, -34.8960, -54.1837



238.1380, -12.8860, -20.2920



190.9060, -47.7747, 16.7454



117.8600, -7.8190, -12.1552



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.



164.7830, -34.8960, -54.1837



189.5030, -50.5340, -78.4941



167.5640, -12.6031, -64.5156



100.7560, -3.3307, -5.0480



102.5030, -50.5340, -78.4941



24.9640, -12.3073, -19.2624

Inverse Universe

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



139.2170, 34.8960, 54.1837



152.4970, 50.5340, 78.4941



136.4360, 12.6031, 64.5156



98.2440, 3.3307, 5.0480



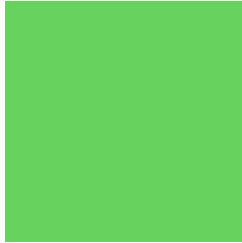
65.4970, 50.5340, 78.4941



16.0360, 12.3073, 19.2624

Previews

White Background



This preview shows how the YUV color 164.7830, -34.8960, -54.1837 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 164.7830, -34.8960, -54.1837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

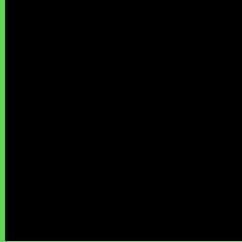
Any Text WCAG AA ✓ Pass

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 164.7830, -34.8960, -54.1837 Background



This preview shows how black text looks on a background with the YUV color 164.7830, -34.8960, -54.1837.



This preview shows how white text looks on a background with the YUV color 164.7830, -34.8960, -54.1837.

-54.1837.

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

164.7830, -34.8960, -54.1837

Protanopia

180.5800, -46.6279, 22.2933

Deuteranopia

183.5140, -39.6934, 38.1372



Tritanopia

178.1930, 17.1599, -44.0193

Trichromacy



Original Color

164.7830, -34.8960, -54.1837



Protanomaly

175.1420, -42.4680, -5.3865



Deuteranomaly

176.7610, -37.8432, 4.5946



Tritanomaly

173.5350, -1.7428, -47.8272

Monochromacy



Original Color

164.7830, -34.8960, -54.1837



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.5510, -12.5966, -19.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7830, -34.8960, -54.1837 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(103, 210, 94)` looks like.

```
.text, #text, p{  
    color:rgb(103, 210, 94)  
}
```

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(103, 210, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 210, 94) }
```

Border

The CSS property to change the border of an element to YUV 164.7830, -34.8960, -54.1837 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(103, 210, 94) }
```


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

```
.border{ border-color:rgb(103, 210, 94) }
```

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

Here you see how a box with a 4 pixel rgb(103, 210, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 210, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 210, 94);  
box-shadow:4px 4px 4px 4px rgb(103, 210,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 164.7830, -34.8960, -54.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 210, 94) }
```

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

```
.background{ background-color: rgb(103,  
210, 94) }
```

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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