

Converting Colors

YUV(153.8500, -66.9740,
-78.7984)

Have a look what the booklet for
YUV(153.8500, -66.9740, -78.7984)
contains.

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Color

**YUV(153.8500, -66.9740,
-78.7984)**

Conversions

Conversions Part 1

Format	Color
Hex	40E212
RGB	64, 226, 18
RGB Percent	25%, 89%, 7%
CMY	0.7490, 0.1137, 0.9294
CMYK	0.72, 0.00, 0.92, 0.11
HSL	107°, 85%, 48%
HSV	107°, 92%, 89%
XYZ	29.4199, 55.5264, 9.7393
YIQ	153.8500, -29.7840, -99.0320

Conversions

Conversions Part 2

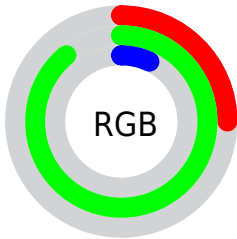
Format	Color
RYB	18, 226, 180
Decimal	4252178
CIELab	79.34, -72.74, 74.94
CIElCh	79, 104.437, 134.146
Yxy	55.5264, 0.3107, 0.5864
Android (android.graphics.Color)	4282442258 (0xFF40E212)
YUV	153.8500, -66.9740, -78.7984
Hunter-Lab	74.5160, -59.9289, 44.4119

Details

The YUV color **153.8500, -66.9740, -78.7984** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **90.1500, 66.9741, 78.7985**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4240, -53.9460, -57.3768**, and **99.2030, -48.9071, -87.0010** is the 20% darker color. If you saturate the color by 10%, you get **147.6120, -72.7727, -85.6057**, and if you desaturate by 10%, it is **161.8540, -59.5810, -70.0320**.

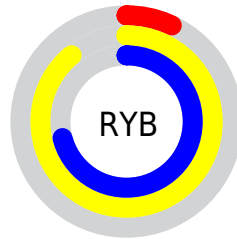
Distribution



Red (25%)

Green (89%)

Blue (7%)



Red (7%)

Yellow (89%)

Blue (71%)

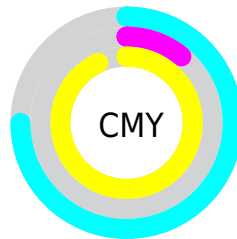


Cyan (72%)

Magenta (0%)

Yellow (92%)

Black (11%)



Cyan (75%)

Magenta (11%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8500, -66.9740, -78.7984 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 153.8500, -66.9740, -78.7984 by changing the saturation by 10% instead.

■ 153.8500,
-66.9740, -78.7984

■ 153.8500,
-66.9740, -78.7984

■ 255.0000, 0.0000,
0.0000

■ 115.6390,
-57.0100, -101.4154

■ 200.4240,
-53.9460, -57.3768

■ 99.2030, -48.9071,
-87.0010

■ 213.4120,
-45.5591, -40.7033

■ 82.7670, -40.8041,
-72.5867

■ 226.2860,
-37.6090, -23.9298

■ 67.5050, -33.2800,
-59.2019

■ 238.8610,
-29.5115, -7.7711

■ 51.6560, -25.4664,
-45.3023

■ 249.6420,
-20.5295, 4.6990

■ 37.5680, -18.5210,
-32.9471

■ 253.0620, -7.4256,

■ 22.3060, -10.9969,

1.6996

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 153.8500,
-66.9740, -78.7984

■ 153.8500,
-66.9740, -78.7984

■ 147.6120,
-72.7727, -85.6057

■ 161.8540,
-59.5810, -70.0320

■ 169.4450,
-52.4774, -61.7803

■ 177.4490,
-45.0844, -53.0138

■ 185.0400,
-37.9807, -44.7621

■ 193.0440,
-30.5877, -35.9956

■ 201.0480,
-23.1947, -27.2291

■ 208.6390,
-16.0910, -18.9774

■ 216.6430, -8.6980,
-10.2109

■ 224.2340, -1.5944,
-1.9592

Harmonies

Analogous

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



179.5150, -88.5009, 12.7033



153.8500, -66.9740, -78.7984



154.3780, -7.5814, -135.3895

Triad

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



153.8500, -66.9740, -78.7984



159.9710, 46.8493, -140.2946



136.7660, 8.9894, 103.6912

Complementary

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



153.8500, -66.9740, -78.7984



90.1500, 66.9741, 78.7985

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.



156.6290, 47.0179, 86.2714



153.8500, -66.9740, -78.7984



142.3610, 55.5310, -124.8506

Square

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



153.8500, -66.9740, -78.7984



167.6020, 43.0872, -146.9870



190.4300, 31.8330, 56.6279



155.9870, -46.8286, 86.8344

Rectangle

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



153.8500, -66.9740, -78.7984



163.4180, 21.9789, -143.3176



190.4300, 31.8330, 56.6279



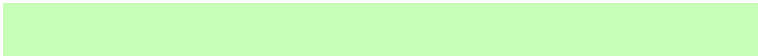
136.8920, 24.7032, 103.5807

Sweetspot

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



153.8500, -66.9740, -78.7984



230.1620, -22.7579, -27.3291



173.5250, -76.6738, 46.0206



112.8180, -14.2073, -16.5034



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.



153.8500, -66.9740, -78.7984



166.4290, -82.0495, -96.8462



146.3660, -36.1694, -112.5770



108.0550, -3.4781, -4.4332



114.9730, -56.6817, -66.6283



31.4650, -15.5122, -17.9478

Inverse Universe

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



90.1500, 66.9741, 78.7985



88.5710, 82.0495, 96.8462



97.6340, 36.1694, 112.5770



104.9450, 3.4781, 4.4332



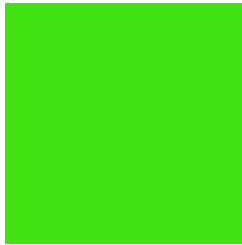
61.0270, 56.6817, 66.6283



16.8340, 15.3648, 18.5626

Previews

White Background



This preview shows how the YUV color 153.8500, -66.9740, -78.7984 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 153.8500, -66.9740, -78.7984 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 153.8500, -66.9740, -78.7984 Background



This preview shows how black text looks on a background with the YUV color 153.8500, -66.9740, -78.7984.



This preview shows how white text looks on a background with the YUV color 153.8500, -66.9740, -78.7984.

-78.7984.

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

153.8500, -66.9740, -78.7984

Protanopia

180.2450, -88.8608, 34.8651

Deuteranopia

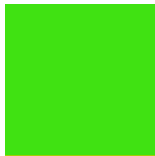
187.6640, -67.3754, 50.2837



Tritanopia

182.3370, 22.0189, -62.5625

Trichromacy



Original Color

153.8500, -66.9740, -78.7984



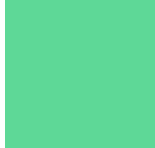
Protanomaly

170.4570, -80.5843, -6.5398



Deuteranomaly

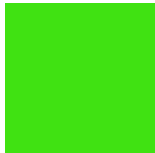
175.3670, -67.2289, 3.1861



Tritanomaly

172.1120, -10.4082, -68.5042

Monochromacy



Original Color

153.8500, -66.9740, -78.7984



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.8090, -24.0628, -28.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8500, -66.9740, -78.7984 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(64, 226, 18)` looks like.

```
.text, #text, p{  
    color:rgb(64, 226, 18)  
}
```

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(64, 226, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 226, 18) }
```

Border

The CSS property to change the border of an element to YUV 153.8500, -66.9740, -78.7984 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(64, 226, 18) }
```


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

```
.border{ border-color:rgb(64, 226, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 226, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 226, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 226, 18);  
box-shadow:4px 4px 4px 4px rgb(64, 226,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 153.8500, -66.9740, -78.7984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 226, 18) }
```

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

```
.background{ background-color: rgb(64, 226,  
18) }
```

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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