

Converting Colors

YUV(147.8840, -65.0188,
-52.5183)

Have a look what the booklet for
YUV(147.8840, -65.0188, -52.5183)
contains.

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Color

**YUV(147.8840, -65.0188,
-52.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	58CC10
RGB	88, 204, 16
RGB Percent	35%, 80%, 6%
CMY	0.6549, 0.2000, 0.9373
CMYK	0.57, 0.00, 0.92, 0.20
HSL	97°, 85%, 43%
HSV	97°, 92%, 80%
XYZ	25.7109, 45.2978, 7.8785
YIQ	147.8840, -8.7880, -83.0600

Conversions

Conversions Part 2

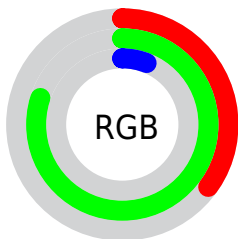
Format	Color
RYB	16, 204, 132
Decimal	5819408
CIELab	73.09, -60.63, 70.26
CIELCh	73, 92.803, 130.793
Yxy	45.2978, 0.3259, 0.5742
Android (android.graphics.Color)	4284009488 (0xFF58CC10)
YUV	147.8840, -65.0188, -52.5183
Hunter-Lab	67.3037, -49.5921, 40.1722

Details

The YUV color **147.8840, -65.0188, -52.5183** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **72.1160, 65.0188, 52.5183**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4530, -57.9043, -47.7553**, and **87.4630, -43.1193, -76.7051** is the 20% darker color. If you saturate the color by 10%, you get **143.0700, -70.5335, -57.0664**, and if you desaturate by 10%, it is **154.0510, -58.1991, -46.5257**.

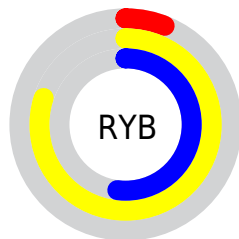
Distribution



Red (35%)

Green (80%)

Blue (6%)



Red (6%)

Yellow (80%)

Blue (52%)

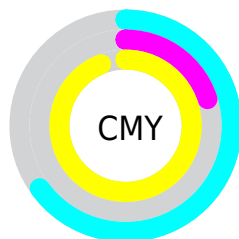


Cyan (57%)

Magenta (0%)

Yellow (92%)

Black (20%)



Cyan (65%)

Magenta (20%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.8840, -65.0188, -52.5183 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 147.8840, -65.0188, -52.5183 by changing the saturation by 10% instead.

■ 147.8840,
-65.0188, -52.5183

■ 147.8840,
-65.0188, -52.5183

■ 255.0000, 0.0000,
0.0000

■ 119.1590,
-58.7454, -58.0214

■ 204.4530,
-57.9043, -47.7553

■ 87.4630, -43.1193,
-76.7051

■ 216.6150,
-50.0962, -32.1114

■ 71.6140, -35.3057,
-62.8055

■ 228.8910,
-41.8513, -16.5674

■ 56.3520, -27.7815,
-49.4207

■ 241.1670,
-33.6063, -1.0235

■ 41.6770, -20.5468,
-36.5507

■ 248.9580,
-23.1503, 5.2988

■ 28.1760, -13.8908,
-24.7104

■ 252.2640,

■ 11.1530, -5.4984,

-10.4832, 2.3995

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 147.8840,
-65.0188, -52.5183

■ 147.8840,
-65.0188, -52.5183

■ 143.0700,
-70.5335, -57.0664

■ 154.0510,
-58.1991, -46.5257

■ 160.0330,
-50.7953, -41.2479

■ 166.2000,
-43.9756, -35.2554

■ 172.1820,
-36.5717, -29.9776

■ 178.3490,
-29.7521, -23.9851

■ 184.5160,
-22.9324, -17.9925

■ 190.4980,
-15.5285, -12.7147

■ 196.6650, -8.7088,
-6.7222

■ 202.6470, -1.3050,
-1.4444

Harmonies

Analogous

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



164.8070, -81.2499, 20.3403



147.8840, -65.0188, -52.5183



138.7110, -9.2245, -121.6495

Triad

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



147.8840, -65.0188, -52.5183



148.8180, 52.3477, -130.5134



138.8860, 6.9582, 101.8320

Complementary

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



147.8840, -65.0188, -52.5183



72.1160, 65.0188, 52.5183

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.



158.4410, 38.7296, 84.6822



147.8840, -65.0188, -52.5183



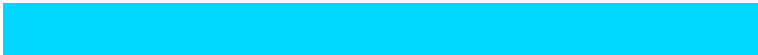
134.7300, 59.2931, -118.1582

Square

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



147.8840, -65.0188, -52.5183



155.2750, 49.1644, -136.1762



177.3180, 38.2972, 36.5551



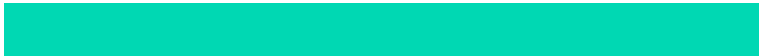
150.6700, -39.2773, 91.4974

Rectangle

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



147.8840, -65.0188, -52.5183



147.1980, 15.6784, -129.0926



177.3180, 38.2972, 36.5551



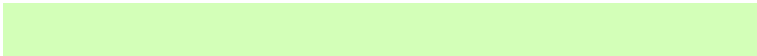
140.9040, 19.7673, 100.0622

Sweetspot

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



147.8840, -65.0188, -52.5183



233.7500, -24.5267, -19.9518



140.3040, -61.2819, 55.8614



114.9110, -15.2391, -12.1999



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.



147.8840, -65.0188, -52.5183



178.9870, -88.2406, -71.0256



128.8640, -44.7960, -98.9817



99.0660, -3.4835, -2.6889



116.2790, -57.3255, -46.7257



26.7910, -13.2080, -10.3407

Inverse Universe

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



72.1160, 65.0188, 52.5183



76.0130, 88.2406, 71.0256



91.1360, 44.7960, 98.9817



94.9340, 3.4835, 2.6889



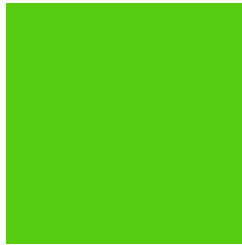
49.4220, 57.4730, 46.1109



11.5080, 13.0606, 10.9555

Previews

White Background



This preview shows how the YUV color 147.8840, -65.0188, -52.5183 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 147.8840, -65.0188, -52.5183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

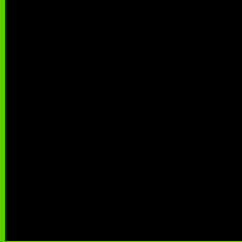
Any Text WCAG AA ✓ Pass

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 147.8840, -65.0188, -52.5183 Background



This preview shows how black text looks on a background with the YUV color 147.8840, -65.0188, -52.5183.



This preview shows how white text looks on a background with the YUV color 147.8840, -65.0188, -52.5183.

-52.5183.

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

147.8840, -65.0188, -52.5183

Protanopia

165.1720, -81.4298, 31.4212

Deuteranopia

171.3090, -62.2703, 46.2100



Tritanopia

170.4810, 17.0179, -45.1488

Trichromacy



Original Color

147.8840, -65.0188, -52.5183

Protanomaly

158.8800, -75.3698, 0.9822

Deuteranomaly

163.0350, -63.6143, 10.4933

Tritanomaly

162.2610, -12.9467, -47.5869

Monochromacy



Original Color

147.8840, -65.0188, -52.5183

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.6900, -23.5112, -19.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8840, -65.0188, -52.5183 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(88, 204, 16)` looks like.

```
.text, #text, p{  
    color:rgb(88, 204, 16)  
}
```

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(88, 204, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 204, 16) }
```

Border

The CSS property to change the border of an element to YUV 147.8840, -65.0188, -52.5183 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(88, 204, 16) }
```


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

```
.border{ border-color:rgb(88, 204, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 204, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 204, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 204, 16);  
box-shadow:4px 4px 4px 4px rgb(88, 204,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 147.8840, -65.0188, -52.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 204, 16) }
```

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

```
.background{ background-color: rgb(88, 204,  
16) }
```

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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