

Converting Colors

YUV(113.5650, -44.6485,
-99.5965)

Have a look what the booklet for
YUV(113.5650, -44.6485, -99.5965)
contains.

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Color

**YUV(113.5650, -44.6485,
-99.5965)**

Conversions

Conversions Part 1

Format	Color
Hex	00BD17
RGB	0, 189, 23
RGB Percent	0%, 74%, 9%
CMY	1.0000, 0.2588, 0.9098
CMYK	1.00, 0.00, 0.88, 0.26
HSL	127°, 100%, 37%
HSV	127°, 100%, 74%
XYZ	18.3523, 36.4571, 6.8803
YIQ	113.5650, -59.3580, -91.6940

Conversions

Conversions Part 2

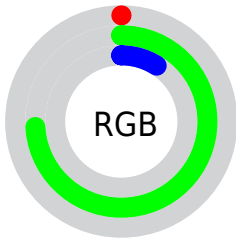
Format	Color
RYB	0, 168, 189
Decimal	48407
CIELab	66.87, -68.20, 63.21
CIELCh	67, 92.988, 137.171
Yxy	36.4571, 0.2975, 0.5910
Android (android.graphics.Color)	4278238487 (0xFF00BD17)
YUV	113.5650, -44.6485, -99.5965
Hunter-Lab	60.3797, -51.4098, 35.5097

Details

The YUV color **113.5650, -44.6485, -99.5965** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **75.4350, 44.6485, 99.5965**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6930, -48.6556, -74.2758**, and **78.6580, -38.7784, -68.9831** is the 20% darker color. If you saturate the color by 10%, you get **113.5650, -44.6485, -99.5965**, and if you desaturate by 10%, it is **121.1840, -40.0237, -89.6154**.

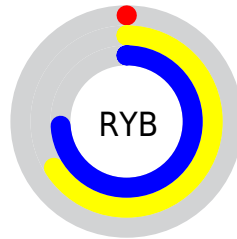
Distribution



Red (0%)

Green (74%)

Blue (9%)



Red (0%)

Yellow (66%)

Blue (74%)

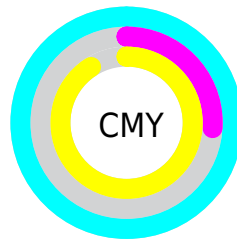


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (26%)



Cyan (100%)


Magenta (26%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5650, -44.6485, -99.5965 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 113.5650, -44.6485, -99.5965 by changing the saturation by 10% instead.


 113.5650,
-44.6485, -99.5965

 113.5650,
-44.6485, -99.5965


255.0000, 0.0000,
0.0000


 94.5070, -46.5920,
-82.8826


 184.6930,
-48.6556, -74.2758


 78.6580, -38.7784,
-68.9831

 202.4480,
-43.6049, -60.9059

 62.8090, -30.9648,
-55.0835


 214.9090,
-35.9441, -44.6472

 47.5470, -23.4407,
-41.6987

 227.3700,
-28.2834, -28.3885

 33.4590, -16.4953,
-29.3435

 239.9450,
-20.1859, -12.2298

 18.7840, -9.2605,
-16.4736

 251.9220,

 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 113.5650,
-44.6485, -99.5965

■ 121.1840,
-40.0237, -89.6154

■ 128.6890,
-35.8357, -79.5343

■ 136.3080,
-31.2108, -69.5531

■ 143.8130,
-27.0228, -59.4720

■ 151.4320,
-22.3980, -49.4909

■ 158.7520,
-17.6257, -40.1245

■ 166.2570,
-13.4377, -30.0434

■ 173.8760, -8.8129,
-20.0623

■ 181.3810, -4.6248,
-9.9811

Harmonies

Analogous

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



147.5860, -72.7599, 3.8711



113.5650, -44.6485, -99.5965



129.0740, -2.9945, -113.1979

Triad

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



113.5650, -44.6485, -99.5965



136.4910, 58.4249, -119.7026



122.0960, -1.5263, 116.5568

Complementary

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



113.5650, -44.6485, -99.5965



75.4350, 44.6485, 99.5965

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.



135.0800, 32.9916, 105.1698



113.5650, -44.6485, -99.5965



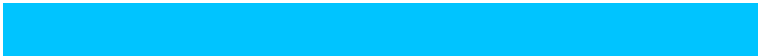
121.2290, 65.9491, -106.3178

Square

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



113.5650, -44.6485, -99.5965



144.1220, 54.6629, -126.3950



162.3770, 45.6631, 54.0434



141.2830, -52.3975, 99.7298

Rectangle

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



113.5650, -44.6485, -99.5965



136.8600, 21.7610, -120.0262



162.3770, 45.6631, 54.0434



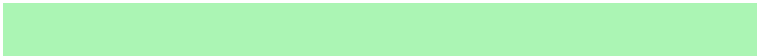
119.8910, 12.8717, 118.4906

Sweetspot

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



113.5650, -44.6485, -99.5965



215.4640, -17.4838, -38.9949



160.8760, -79.3119, 5.3707



104.5120, -10.1124, -23.2510



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.5650, -44.6485, -99.5965



147.2350, -57.7969, -129.1251



124.2810, -3.5895, -108.9944



90.3970, -2.1677, -4.7332



94.9120, -37.4246, -83.2378



18.6530, -7.2239, -16.3587

Inverse Universe

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



75.4350, 44.6485, 99.5965



97.7650, 57.7969, 129.1251



64.7190, 3.5895, 108.9944



88.6030, 2.1677, 4.7332



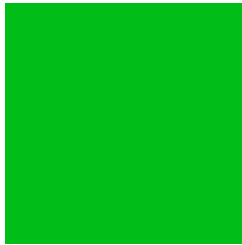
63.0880, 37.4246, 83.2378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 113.5650, -44.6485, -99.5965 looks on a white background.

Color Contrast Check

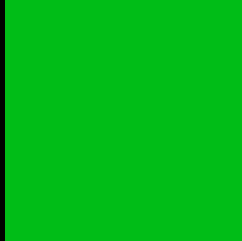
Large Text (above 18pt) WCAG AA × Fail

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 113.5650, -44.6485, -99.5965 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 113.5650, -44.6485, -99.5965 Background



This preview shows how black text looks on a background with the YUV color 113.5650, -44.6485, -99.5965.



This preview shows how white text looks on a background with the YUV color 113.5650, -44.6485, -99.5965.

-99.5965.

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

113.5650, -44.6485, -99.5965

Protanopia

150.9940, -68.0310, 27.1923

Deuteranopia

155.7520, -54.1077, 41.4365



Tritanopia

148.5930, 20.4137, -61.0331

Trichromacy



Original Color

113.5650, -44.6485, -99.5965



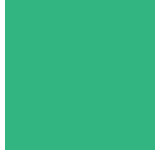
Protanomaly

137.5860, -59.4489, -18.9309



Deuteranomaly

140.3450, -50.4561, -9.9496



Tritanomaly

135.9030, -3.4032, -75.3369

Monochromacy



Original Color

113.5650, -44.6485, -99.5965



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.8280, -16.1842, -35.8062

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5650, -44.6485, -99.5965 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(0, 189, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 23)  
}
```

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(0, 189, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 23) }
```

Border

The CSS property to change the border of an element to YUV 113.5650, -44.6485, -99.5965 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(0, 189, 23) }
```


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

```
.border{ border-color:rgb(0, 189, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 23);  
box-shadow:4px 4px 4px 4px rgb(0, 189, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 113.5650, -44.6485, -99.5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 23) }
```

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

```
.background{ background-color: rgb(0, 189,  
23) }
```

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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