

Converting Colors

YUV(180.2500, -66.6783,
-33.5453)

Have a look what the booklet for
YUV(180.2500, -66.6783, -33.5453)
contains.

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Color

**YUV(180.2500, -66.6783,
-33.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	8EE22D
RGB	142, 226, 45
RGB Percent	56%, 89%, 18%
CMY	0.4431, 0.1137, 0.8235
CMYK	0.37, 0.00, 0.80, 0.11
HSL	88°, 76%, 53%
HSV	88°, 80%, 89%
XYZ	38.8253, 60.3330, 12.0817
YIQ	180.2500, 8.0370, -74.0990

Conversions

Conversions Part 2

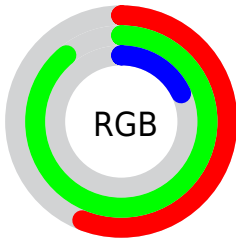
Format	Color
RYB	45, 226, 129
Decimal	9364013
CIELab	82.02, -51.50, 72.89
CIELCh	82, 89.252, 125.245
Yxy	60.3330, 0.3490, 0.5424
Android (android.graphics.Color)	4287554093 (0xFF8EE22D)
YUV	180.2500, -66.6783, -33.5453
Hunter-Lab	77.6743, -46.7071, 45.1498

Details

The YUV color **180.2500, -66.6783, -33.5453** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **90.7500, 66.6783, 33.5453**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9820, -56.6861, -18.4012**, and **124.6070, -61.4313, -36.4893** is the 20% darker color. If you saturate the color by 10%, you get **174.6380, -75.2505, -37.3935**, and if you desaturate by 10%, it is **185.8620, -58.1060, -29.6970**.

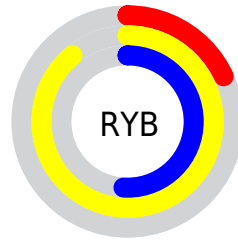
Distribution



Red (56%)

Green (89%)

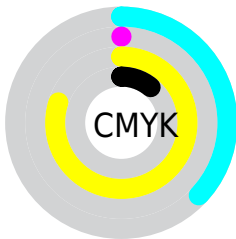
Blue (18%)



Red (18%)

Yellow (89%)

Blue (51%)

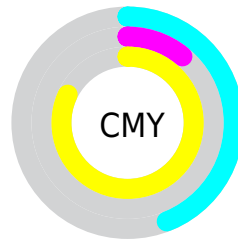


Cyan (37%)

Magenta (0%)

Yellow (80%)

Black (11%)



Cyan (44%)

Magenta (11%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2500, -66.6783, -33.5453 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 180.2500, -66.6783, -33.5453 by changing the saturation by 10% instead.

■ 180.2500,
-66.6783, -33.5453

■ 180.2500,
-66.6783, -33.5453

255.0000, 0.0000,
0.0000

■ 150.0130,
-73.9564, -32.4604

■ 221.9820,
-56.6861, -18.4012

■ 124.6070,
-61.4313, -36.4893

■ 234.1440,
-48.8780, -2.7573

■ 98.8910, -48.7533,
-42.8774

■ 244.6260,
-39.7486, 9.0980

■ 69.2770, -34.1536,
-59.0019

■ 247.9320,
-27.0815, 6.1986

■ 53.4170, -26.3346,
-46.8467

■ 251.2380,
-14.4143, 3.2993

■ 39.3290, -19.3892,
-34.4915

254.6580, -1.3104,

■ 26.4150, -13.0226,

0.2999

-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 180.2500,
-66.6783, -33.5453

■ 180.2500,
-66.6783, -33.5453

■ 174.6380,
-75.2505, -37.3935

■ 185.8620,
-58.1060, -29.6970

■ 168.8410,
-83.2386, -41.9566

■ 191.6590,
-50.1179, -25.1339

■ 197.2710,
-41.5456, -21.2857

■ 203.0680,
-33.5575, -16.7226

■ 208.6800,
-24.9852, -12.8744

■ 214.5910,
-16.5604, -8.4113

■ 220.0890, -8.4249,
-4.4631

■ 226.0000, 0.0000,
0.0000

■ 231.4980, 8.1355,
3.9483

Harmonies

Analogous

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



189.1050, -93.2288, 35.8649



180.2500, -66.6783, -33.5453



154.5260, -12.0913, -135.5193

Triad

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



180.2500, -66.6783, -33.5453



164.6670, 44.5342, -144.4130



165.7520, 13.4333, 78.2705

Complementary

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



180.2500, -66.6783, -33.5453



90.7500, 66.6783, 33.5453

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.



184.5600, 34.7269, 61.7759



180.2500, -66.6783, -33.5453



151.7530, 50.9008, -133.0874

Square

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



180.2500, -66.6783, -33.5453



170.5370, 41.6403, -149.5609



198.4720, 27.8683, 21.5111



168.8450, -28.0246, 75.5579

Rectangle

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



180.2500, -66.6783, -33.5453



162.7850, 11.9380, -142.7624



198.4720, 27.8683, 21.5111



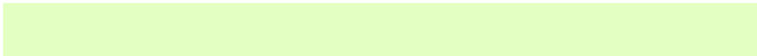
170.1180, 25.0848, 74.4415

Sweetspot

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



180.2500, -66.6783, -33.5453



239.6740, -22.5173, -11.1151



146.6660, -50.1213, 69.5759



118.4000, -13.5082, -7.3668



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.



180.2500, -66.6783, -33.5453



192.9840, -90.2111, -45.5900



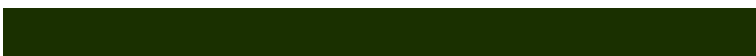
153.9380, -53.7064, -87.6456



109.2510, -4.0677, -1.9741



131.4180, -64.7891, -32.8156



35.9500, -17.7233, -8.7261

Inverse Universe

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



90.7500, 66.6783, 33.5453



72.0160, 90.2111, 45.5900



117.0620, 53.7064, 87.6456



103.7490, 4.0677, 1.9741



44.5820, 64.7891, 32.8156



12.0500, 17.7233, 8.7261

Previews

White Background



This preview shows how the YUV color 180.2500, -66.6783, -33.5453 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 180.2500, -66.6783, -33.5453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

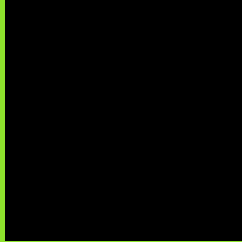
Any Text WCAG AA ✓ Pass

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 180.2500, -66.6783, -33.5453 Background



This preview shows how black text looks on a background with the YUV color 180.2500, -66.6783, -33.5453.



This preview shows how white text looks on a background with the YUV color 180.2500, -66.6783, -33.5453.

-33.5453.

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

180.2500, -66.6783, -33.5453

Protanopia

191.7790, -75.3200, 31.7658

Deuteranopia

196.3050, -66.2124, 50.5985



Tritanopia

198.7820, 13.9115, -28.7498

Trichromacy



Original Color

180.2500, -66.6783, -33.5453

Protanomaly

187.4340, -72.1920, 8.3894

Deuteranomaly

190.4060, -66.2622, 19.8149

Tritanomaly

192.0890, -15.3269, -30.7731

Monochromacy



Original Color

180.2500, -66.6783, -33.5453

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2070, -24.2591, -12.4595

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2500, -66.6783, -33.5453 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(142, 226, 45)` looks like.

```
.text, #text, p{  
    color:rgb(142, 226, 45)  
}
```

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(142, 226, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 226, 45) }
```

Border

The CSS property to change the border of an element to YUV 180.2500, -66.6783, -33.5453 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(142, 226, 45) }
```


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

```
.border{ border-color:rgb(142, 226, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 226, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 226, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 226, 45);  
box-shadow:4px 4px 4px 4px rgb(142, 226,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 180.2500, -66.6783, -33.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 226, 45) }
```

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

```
.background{ background-color: rgb(142,  
226, 45) }
```

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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