

Converting Colors

YUV(133.6230, -65.8761,
-57.5514)

Have a look what the booklet for
YUV(133.6230, -65.8761, -57.5514)
contains.

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Color

**YUV(133.6230, -65.8761,
-57.5514)**

Conversions

Conversions Part 1

Format	Color
Hex	44C100
RGB	68, 193, 0
RGB Percent	27%, 76%, 0%
CMY	0.7333, 0.2431, 1.0000
CMYK	0.65, 0.00, 1.00, 0.24
HSL	99°, 100%, 38%
HSV	99°, 100%, 76%
XYZ	21.4539, 39.3689, 6.4682
YIQ	133.6230, -12.5470, -86.5230

Conversions

Conversions Part 2

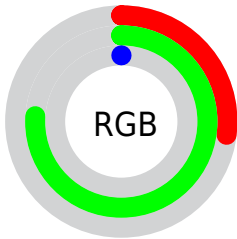
Format	Color
RYB	0, 193, 125
Decimal	4505856
CIELab	69.02, -62.02, 68.54
CIELCh	69, 92.439, 132.140
Yxy	39.3689, 0.3188, 0.5851
Android (android.graphics.Color)	4282695936 (0xFF44C100)
YUV	133.6230, -65.8761, -57.5514
Hunter-Lab	62.7446, -48.7697, 37.8091

Details

The YUV color **133.6230, -65.8761, -57.5514** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **59.3770, 65.8761, 57.5514**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8110, -57.5878, -55.9622**, and **81.0060, -39.9360, -71.0423** is the 20% darker color. If you saturate the color by 10%, you get **133.6230, -65.8761, -57.5514**, and if you desaturate by 10%, it is **139.3770, -59.3459, -52.0736**.

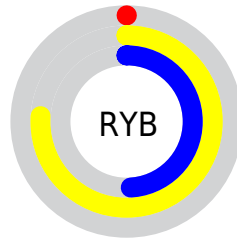
Distribution



Red (27%)

Green (76%)

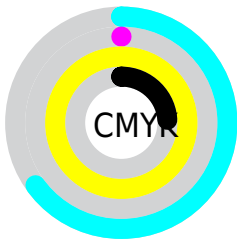
Blue (0%)



Red (0%)

Yellow (76%)

Blue (49%)

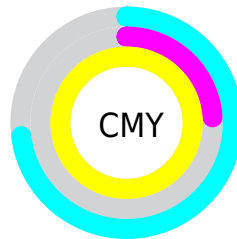


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (73%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6230, -65.8761, -57.5514 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 133.6230, -65.8761, -57.5514 by changing the saturation by 10% instead.

■ 133.6230,
-65.8761, -57.5514

■ 133.6230,
-65.8761, -57.5514

■ 255.0000, 0.0000,
0.0000

■ 103.7320,
-51.1399, -70.8020

■ 195.8110,
-57.5878, -55.9622

■ 81.0060, -39.9360,
-71.0423

■ 210.7340,
-50.6479, -41.8627

■ 65.7440, -32.4118,
-57.6575

■ 222.8960,
-42.8397, -26.2188

■ 50.4820, -24.8876,
-44.2727

■ 235.1720,
-34.5948, -10.6748

■ 35.8070, -17.6529,
-31.4027

■ 247.7470,
-26.4973, 5.4839

■ 21.7190, -10.7075,
-19.0476

■ 251.3520,

■ 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.6580, -1.3104,
0.2999

■ 133.6230,
-65.8761, -57.5514

■ 139.3770,
-59.3459, -52.0736

■ 145.5440,
-52.5262, -46.0811

■ 151.2980,
-45.9959, -40.6033

■ 157.3510,
-39.6130, -34.5108

■ 163.5180,
-32.7934, -28.5183

■ 169.2720,
-26.2631, -23.0405

■ 175.0260,
-19.7328, -17.5628

■ 181.0790,
-13.3499, -11.4703

■ 186.9470, -6.3829,
-6.0925

Harmonies

Analogous

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



154.7400, -76.2868, 15.1370



133.6230, -65.8761, -57.5514



131.4560, -9.0988, -115.2869

Triad

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



133.6230, -65.8761, -57.5514



141.7740, 55.8204, -124.3358



128.3710, 4.7471, 111.0536

Complementary

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



133.6230, -65.8761, -57.5514



59.3770, 65.8761, 57.5514

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.



147.9260, 36.5185, 93.9039



133.6230, -65.8761, -57.5514



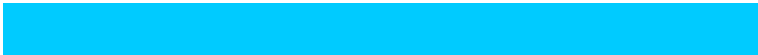
127.6860, 62.7658, -111.9806

Square

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



133.6230, -65.8761, -57.5514



148.2310, 52.6371, -129.9986



167.5940, 43.0912, 38.9441



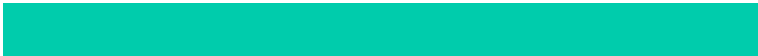
143.2040, -42.4986, 98.0451

Rectangle

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



133.6230, -65.8761, -57.5514



139.3560, 16.0935, -122.2152



167.5940, 43.0912, 38.9441



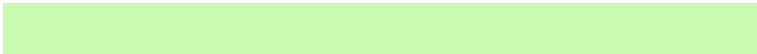
129.8020, 17.8456, 109.7986

Sweetspot

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



133.6230, -65.8761, -57.5514



226.7990, -25.5369, -22.6257



129.3210, -63.7553, 55.8465



111.1990, -15.3811, -13.3295



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.6230, -65.8761, -57.5514



173.0620, -85.3196, -74.5994



116.2550, -44.4957, -101.9556



94.0660, -3.4835, -2.6889



111.5500, -54.9941, -47.8403



22.9590, -11.3188, -9.6110

Inverse Universe

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



59.3770, 65.8761, 57.5514



76.9380, 85.3196, 74.5994



76.7450, 44.4957, 101.9556



89.9340, 3.4835, 2.6889



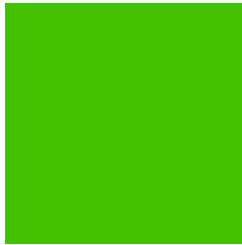
49.4500, 54.9941, 47.8404



10.0410, 11.3188, 9.6110

Previews

White Background



This preview shows how the YUV color 133.6230, -65.8761, -57.5514 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 133.6230, -65.8761, -57.5514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

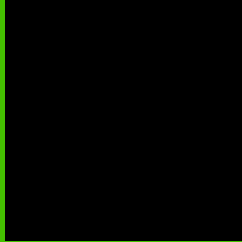
Any Text WCAG AA ✓ Pass

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 133.6230, -65.8761, -57.5514 Background



This preview shows how black text looks on a background with the YUV color 133.6230, -65.8761, -57.5514.



This preview shows how white text looks on a background with the YUV color 133.6230, -65.8761, -57.5514.

-57.5514.

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

133.6230, -65.8761, -57.5514

Protanopia

155.1270, -76.4776, 29.7066

Deuteranopia

160.7970, -59.0599, 43.1510



Tritanopia

157.9860, 17.7549, -48.2227

Trichromacy



Original Color

133.6230, -65.8761, -57.5514



Protanomaly

147.2540, -72.5962, -1.9768



Deuteranomaly

150.5830, -61.4194, 6.5047



Tritanomaly

148.9400, -12.7884, -51.6904

Monochromacy



Original Color

133.6230, -65.8761, -57.5514



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.5650, -23.9425, -20.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6230, -65.8761, -57.5514 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(68, 193, 0)` looks like.

```
.text, #text, p{  
    color:rgb(68, 193, 0)  
}
```

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(68, 193, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 193, 0) }
```

Border

The CSS property to change the border of an element to YUV 133.6230, -65.8761, -57.5514 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(68, 193, 0) }
```


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

```
.border{ border-color:rgb(68, 193, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 193, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 193, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 193, 0);  
box-shadow:4px 4px 4px 4px rgb(68, 193, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 133.6230, -65.8761, -57.5514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 193, 0) }
```

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

```
.background{ background-color: rgb(68, 193,  
0) }
```

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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