

Converting Colors

YUV(134.6760, -62.9443,
-64.6139)

Have a look what the booklet for
YUV(134.6760, -62.9443, -64.6139)
contains.

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Color

**YUV(134.6760, -62.9443,
-64.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	3DC507
RGB	61, 197, 7
RGB Percent	24%, 77%, 3%
CMY	0.7608, 0.2275, 0.9725
CMYK	0.69, 0.00, 0.96, 0.23
HSL	103°, 93%, 40%
HSV	103°, 96%, 77%
XYZ	21.9291, 40.9399, 6.9474
YIQ	134.6760, -20.0660, -87.9220

Conversions

Conversions Part 2

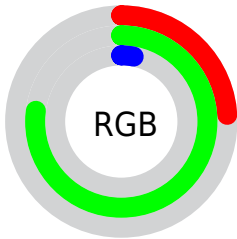
Format	Color
RYB	7, 197, 143
Decimal	4048135
CIELab	70.13, -64.60, 68.59
CIELCh	70, 94.221, 133.286
Yxy	40.9399, 0.3141, 0.5864
Android (android.graphics.Color)	4282238215 (0xFF3DC507)
YUV	134.6760, -62.9443, -64.6139
Hunter-Lab	63.9843, -50.7960, 38.3513

Details

The YUV color **134.6760, -62.9443, -64.6139** 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 **69.3240, 62.9443, 64.6139**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3050, -56.8454, -60.7805**, and **83.3540, -41.0935, -73.1015** is the 20% darker color. If you saturate the color by 10%, you get **132.3830, -65.2648, -66.9879**, and if you desaturate by 10%, it is **141.1420, -56.2720, -58.0065**.

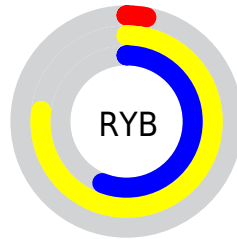
Distribution



Red (24%)

Green (77%)

Blue (3%)



Red (3%)

Yellow (77%)

Blue (56%)

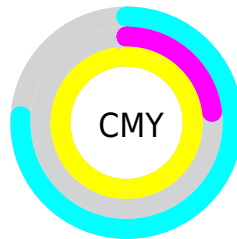


Cyan (69%)

Magenta (0%)

Yellow (96%)

Black (23%)



Cyan (76%)

Magenta (23%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.6760, -62.9443, -64.6139 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 134.6760, -62.9443, -64.6139 by changing the saturation by 10% instead.

■ 134.6760,
-62.9443, -64.6139

■ 134.6760,
-62.9443, -64.6139

■ 255.0000, 0.0000,
0.0000

■ 99.2030, -48.9071,
-87.0010

■ 197.3050,
-56.8454, -60.7805

■ 83.3540, -41.0935,
-73.1015

■ 209.8800,
-48.7478, -44.6218

■ 67.5050, -33.2800,
-59.2019

■ 222.0420,
-40.9397, -28.9778

■ 52.2430, -25.7558,
-45.8171

■ 234.6170,
-32.8422, -12.8191

■ 37.5680, -18.5210,
-32.9471

■ 246.8930,
-24.5972, 2.7248

■ 23.4800, -11.5756,
-20.5920

■ 251.6940,

■ 0.5870, -0.2894,

-12.6671, 2.8994

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 134.6760,
-62.9443, -64.6139

■ 134.6760,
-62.9443, -64.6139

■ 132.3830,
-65.2648, -66.9879

■ 141.1420,
-56.2720, -58.0065

■ 147.4940,
-50.0365, -51.2992

■ 153.9600,
-43.3643, -44.6919

■ 160.4260,
-36.6920, -38.0846

■ 167.1910,
-30.1672, -30.8625

■ 173.5430,
-23.9317, -24.1552

■ 180.0090,
-17.2594, -17.5479

■ 186.4750,
-10.5872, -10.9406

■ 192.8270, -4.3517,
-4.2333

Harmonies

Analogous

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



157.0880, -77.4444, 13.0778



134.6760, -62.9443, -64.6139



134.4880, -7.6356, -117.9460

Triad

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



134.6760, -62.9443, -64.6139



143.5350, 54.9522, -125.8802



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.



134.6760, -62.9443, -64.6139



69.3240, 62.9443, 64.6139

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.



146.8660, 37.5341, 94.8335



134.6760, -62.9443, -64.6139



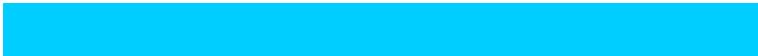
128.2730, 62.4764, -112.4954

Square

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



134.6760, -62.9443, -64.6139



149.9920, 51.7689, -131.5430



169.9860, 41.9119, 43.8623



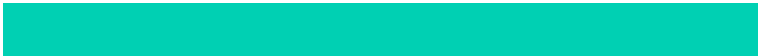
144.6230, -44.6771, 96.8006

Rectangle

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



134.6760, -62.9443, -64.6139



142.5020, 17.9935, -124.9743



169.9860, 41.9119, 43.8623



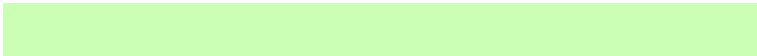
129.2150, 18.1350, 110.3134

Sweetspot

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



134.6760, -62.9443, -64.6139



230.7170, -24.5105, -25.1848



141.8810, -66.4963, 48.3394



113.3020, -14.9389, -15.1739



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.



134.6760, -62.9443, -64.6139



171.2130, -84.4080, -87.0098



122.8620, -38.3860, -101.6110



95.8810, -2.8993, -3.4036



109.4350, -53.9515, -55.6325



24.1220, -11.8921, -12.3850

Inverse Universe

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



69.3240, 62.9443, 64.6139



83.7870, 84.4080, 87.0098



81.1380, 38.3860, 101.6110



93.1190, 2.8993, 3.4036



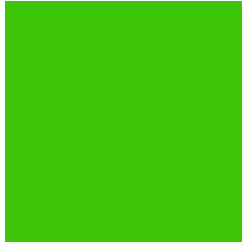
53.5650, 53.9515, 55.6325



11.8780, 11.8921, 12.3850

Previews

White Background



This preview shows how the YUV color 134.6760, -62.9443, -64.6139 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 134.6760, -62.9443, -64.6139 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 134.6760, -62.9443, -64.6139 Background



This preview shows how black text looks on a background with the YUV color 134.6760, -62.9443, -64.6139.



This preview shows how white text looks on a background with the YUV color 134.6760, -62.9443, -64.6139.

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

134.6760, -62.9443, -64.6139

Protanopia

157.1980, -77.4986, 30.5214

Deuteranopia

163.2810, -59.7915, 44.4806



Tritanopia

159.8930, 18.7868, -52.5262

Trichromacy



Original Color

134.6760, -62.9443, -64.6139



Protanomaly

149.0580, -72.0066, -4.4359



Deuteranomaly

152.6860, -60.9772, 4.6604



Tritanomaly

150.7760, -10.7356, -56.8086

Monochromacy



Original Color

134.6760, -62.9443, -64.6139



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.0700, -23.2055, -23.7404

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.6760, -62.9443, -64.6139 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(61, 197, 7)` looks like.

```
.text, #text, p{  
    color:rgb(61, 197, 7)  
}
```

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(61, 197, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 197, 7) }
```

Border

The CSS property to change the border of an element to YUV 134.6760, -62.9443, -64.6139 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(61, 197, 7) }
```


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

```
.border{ border-color:rgb(61, 197, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 197, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 197, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 197, 7);  
box-shadow:4px 4px 4px 4px rgb(61, 197, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 134.6760, -62.9443, -64.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 197, 7) }
```

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

```
.background{ background-color: rgb(61, 197,  
7) }
```

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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