

Converting Colors

YUV(168.1110, -82.8787,
-64.1183)

Have a look what the booklet for
YUV(168.1110, -82.8787, -64.1183)
contains.

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Color

**YUV(168.1110, -82.8787,
-64.1183)**

Conversions

Conversions Part 1

Format	Color
Hex	5FEE00
RGB	95, 238, 0
RGB Percent	37%, 93%, 0%
CMY	0.6275, 0.0667, 1.0000
CMYK	0.60, 0.00, 1.00, 0.07
HSL	96°, 100%, 47%
HSV	96°, 100%, 93%
XYZ	35.2939, 63.5820, 10.4124
YIQ	168.1110, -8.8300, -104.3340

Conversions

Conversions Part 2

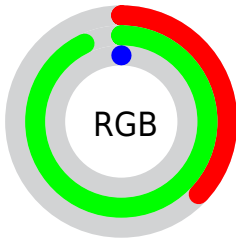
Format	Color
RYB	0, 238, 143
Decimal	6286848
CIELab	83.75, -70.56, 80.52
CIELCh	84, 107.064, 131.230
Yxy	63.5820, 0.3229, 0.5818
Android (android.graphics.Color)	4284476928 (0xFF5FEE00)
YUV	168.1110, -82.8787, -64.1183
Hunter-Lab	79.7383, -60.5342, 48.0746

Details

The YUV color **168.1110, -82.8787, -64.1183** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **69.8890, 82.8787, 64.1183**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6710, -58.5048, -41.8075**, and **106.2470, -52.3798, -93.1786** is the 20% darker color. If you saturate the color by 10%, you get **168.1110, -82.8787, -64.1183**, and if you desaturate by 10%, it is **175.0330, -74.4593, -57.9109**.

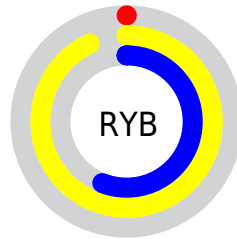
Distribution



Red (37%)

Green (93%)

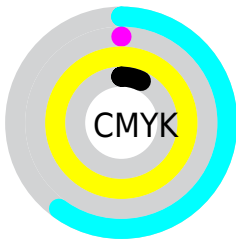
Blue (0%)



Red (0%)

Yellow (93%)

Blue (56%)

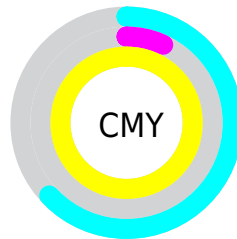


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (63%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1110, -82.8787, -64.1183 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 168.1110, -82.8787, -64.1183 by changing the saturation by 10% instead.

■ 168.1110,
-82.8787, -64.1183

■ 168.1110,
-82.8787, -64.1183

■ 255.0000, 0.0000,
0.0000

■ 139.4270,
-68.7375, -73.1655

■ 207.6710,
-58.5048, -41.8075

■ 106.2470,
-52.3798, -93.1786

■ 220.7730,
-49.6811, -25.2339

■ 89.8110, -44.2768,
-78.7642

■ 233.3480,
-41.5836, -9.0752

■ 73.9620, -36.4633,
-64.8647

■ 246.0370,
-33.0492, 6.9836

■ 58.1130, -28.6497,
-50.9651

■ 249.6420,
-20.5295, 4.6990

■ 43.4380, -21.4149,
-38.0951

■ 253.0620, -7.4256,

■ 29.3500, -14.4695,

1.6996

-25.7399

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 168.1110,
-82.8787, -64.1183

■ 175.0330,
-74.4593, -57.9109

■ 182.2540,
-66.1872, -51.0888

■ 189.0620,
-58.2046, -44.7814

■ 195.9840,
-49.7851, -38.5740

■ 202.9060,
-41.3657, -32.3666

■ 210.1270,
-33.0936, -25.5444

■ 217.0490,
-24.6742, -19.3370

■ 223.8570,
-16.6915, -13.0296

■ 231.0780, -8.4195,
-6.2074

Harmonies

Analogous

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



191.3760, -94.3484, 21.5952



168.1110, -82.8787, -64.1183



162.0090, -11.3434, -142.0819

Triad

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



168.1110, -82.8787, -64.1183



168.7760, 42.5084, -148.0166



144.4430, 15.5576, 96.9585

Complementary

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



168.1110, -82.8787, -64.1183



69.8890, 82.8787, 64.1183

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.



166.3630, 43.6980, 77.7346



168.1110, -82.8787, -64.1183



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.



168.1110, -82.8787, -64.1183



175.8200, 39.0357, -154.1941



200.4090, 26.9134, 47.8763



160.8600, -40.8500, 82.5608

Rectangle

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



168.1110, -82.8787, -64.1183



171.8640, 18.8010, -150.7247



200.4090, 26.9134, 47.8763



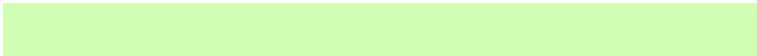
147.0310, 30.5507, 94.6888

Sweetspot

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



168.1110, -82.8787, -64.1183



232.5820, -26.4159, -20.6814



155.1030, -76.4658, 72.7007



114.3840, -15.9653, -12.6148



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.



168.1110, -82.8787, -64.1183



180.1830, -88.8302, -68.5665



142.4420, -58.3919, -124.9216



116.5390, -4.2097, -3.1037



129.8350, -64.0087, -49.8443



39.4500, -19.4489, -15.3037

Inverse Universe

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



69.8890, 82.8787, 64.1183



74.8170, 88.8302, 68.5665



95.5580, 58.3919, 124.9216



111.4610, 4.2097, 3.1037



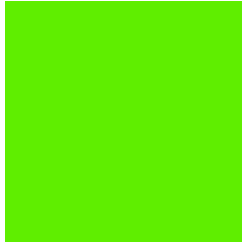
53.8660, 64.1561, 49.2295



16.5500, 19.4489, 15.3036

Previews

White Background



This preview shows how the YUV color 168.1110, -82.8787, -64.1183 looks on a white background.

Color Contrast Check

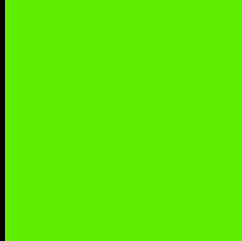
Large Text (above 18pt) WCAG AA × Fail

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 168.1110, -82.8787, -64.1183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

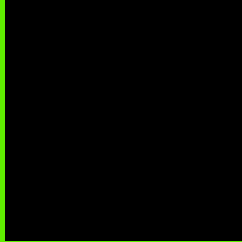
Any Text WCAG AA ✓ Pass

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 168.1110, -82.8787, -64.1183 Background



This preview shows how black text looks on a background with the YUV color 168.1110, -82.8787, -64.1183.



This preview shows how white text looks on a background with the YUV color 168.1110, -82.8787, -64.1183.

-64.1183.

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

168.1110, -82.8787, -64.1183

Protanopia

192.0620, -94.6866, 36.7796

Deuteranopia

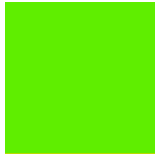
202.5030, -56.4500, 46.0399



Tritanopia

197.0390, 20.6868, -55.2852

Trichromacy



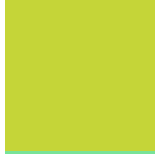
Original Color

168.1110, -82.8787, -64.1183



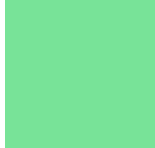
Protanomaly

183.2700, -90.3521, -0.2368



Deuteranomaly

190.3180, -66.2188, 5.8601



Tritanomaly

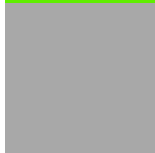
186.4570, -16.9873, -58.2828

Monochromacy



Original Color

168.1110, -82.8787, -64.1183



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.6480, -29.8995, -23.3703

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1110, -82.8787, -64.1183 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(95, 238, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 238, 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(95, 238, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 238, 0) }
```

Border

The CSS property to change the border of an element to YUV 168.1110, -82.8787, -64.1183 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(95, 238, 0) }
```


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

```
.border{ border-color:rgb(95, 238, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 238, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 238, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 238, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 238, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 168.1110, -82.8787, -64.1183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 238, 0) }
```

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

```
.background{ background-color: rgb(95, 238,  
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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