

Converting Colors

YUV(164.8090, -64.9818,
-111.2115)

Have a look what the booklet for
YUV(164.8090, -64.9818, -111.2115)
contains.

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Color

**YUV(164.8090, -64.9818,
-111.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	26FF21
RGB	38, 255, 33
RGB Percent	15%, 100%, 13%
CMY	0.8510, 0.0000, 0.8706
CMYK	0.85, 0.00, 0.87, 0.00
HSL	119°, 100%, 56%
HSV	119°, 87%, 100%
XYZ	36.8338, 72.0419, 13.4030
YIQ	164.8090, -58.0700, -115.0460

Conversions

Conversions Part 2

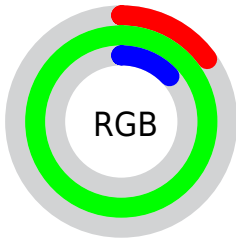
Format	Color
RYB	33, 255, 250
Decimal	2555681
CIELab	87.99, -83.69, 79.80
CIELCh	88, 115.640, 136.363
Yxy	72.0419, 0.3012, 0.5892
Android (android.graphics.Color)	4280745761 (0xFF26FF21)
YUV	164.8090, -64.9818, -111.2115
Hunter-Lab	84.8775, -71.0729, 50.0518

Details

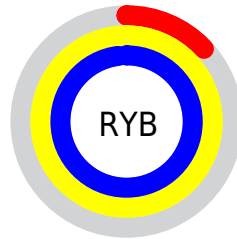
The YUV color **164.8090, -64.9818, -111.2115** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **123.1910, 64.9818, 111.2115**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6990, -47.6726, -62.8800**, and **115.0520, -56.7206, -100.9006** is the 20% darker color. If you saturate the color by 10%, you get **154.4840, -72.2166, -124.0815**, and if you desaturate by 10%, it is **175.1340, -57.7471, -98.3415**.

Distribution



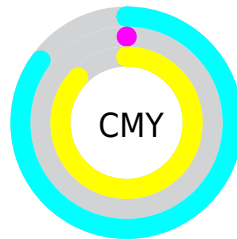
- Red (15%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (98%)



- Cyan (85%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)




- Cyan (85%)
- Magenta (0%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.8090, -64.9818, -111.2115 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 164.8090, -64.9818, -111.2115 by changing the saturation by 10% instead.


 164.8090,
-64.9818, -111.2115

 164.8090,
-64.9818, -111.2115


255.0000, 0.0000,
0.0000


 132.0750,
-65.1130, -115.8298


 199.6990,
-47.6726, -62.8800


 115.0520,
-56.7206, -100.9006


 213.5840,
-39.7279, -44.3622


 98.6160, -48.6177,
-86.4862


 226.7570,
-31.9252, -26.9739

 82.1800, -40.5147,
-72.0719

 239.7450,
-23.5383, -10.3004

 66.3310, -32.7012,
-58.1723

 251.2380,
-14.4143, 3.2993

 50.4820, -24.8876,
-44.2727

254.6580, -1.3104,

 35.8070, -17.6529,

0.2999

-31.4027

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 164.8090,
-64.9818, -111.2115

■ 164.8090,
-64.9818, -111.2115

■ 154.4840,
-72.2166, -124.0815

■ 175.1340,
-57.7471, -98.3415

■ 151.4790,
-74.6791, -127.5851

■ 185.5730,
-50.0755, -85.5715

■ 195.8980,
-42.8407, -72.7015

■ 206.3370,
-35.1691, -59.9315

■ 216.7760,
-27.4976, -47.1616

■ 227.1010,
-20.2628, -34.2916

■ 237.1270,
-12.8806, -22.0364

■ 247.5660, -5.2090,
-9.2664

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



199.8490, -98.5256, 8.0254



164.8090, -64.9818, -111.2115



168.4950, -1.7230, -147.7701

Triad

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



164.8090, -64.9818, -111.2115



174.6460, 39.6145, -153.1645



142.1290, 11.7684, 98.9879

Complementary

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



164.8090, -64.9818, -111.2115



123.1910, 64.9818, 111.2115

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.



158.1450, 47.7495, 84.9418



164.8090, -64.9818, -111.2115



154.6880, 49.4538, -135.6614

Square

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



164.8090, -64.9818, -111.2115



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355



166.0970, -53.7848, 77.9679

Rectangle

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



164.8090, -64.9818, -111.2115



177.2730, 31.9104, -155.4684



198.0610, 28.0709, 49.9355



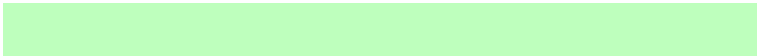
140.3630, 30.3870, 100.5366

Sweetspot

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



164.8090, -64.9818, -111.2115



228.0410, -19.2472, -33.3620



225.5830, -94.9434, 25.7987



111.7790, -11.7230, -19.9772



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.



164.8090, -64.9818, -111.2115



151.4790, -74.6791, -127.5851



175.1700, -18.8178, -124.6831



122.6310, -3.7621, -6.6924



113.3130, -55.8633, -95.8675



37.8670, -18.6684, -32.3324

Inverse Universe

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



123.1910, 64.9818, 111.2115



103.5210, 74.6791, 127.5851



112.8300, 18.8178, 124.6831



120.0700, 3.9095, 6.0776



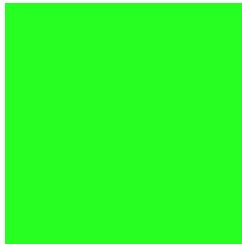
77.6870, 55.8633, 95.8675



25.8340, 18.8158, 31.7176

Previews

White Background



This preview shows how the YUV color 164.8090, -64.9818, -111.2115 looks on a white background.

Color Contrast Check

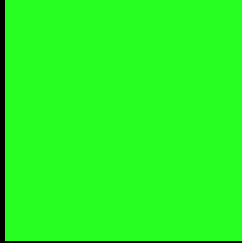
Large Text (above 18pt) WCAG AA × Fail

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 164.8090, -64.9818, -111.2115 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 164.8090, -64.9818, -111.2115 Background



This preview shows how black text looks on a background with the YUV color 164.8090, -64.9818, -111.2115.

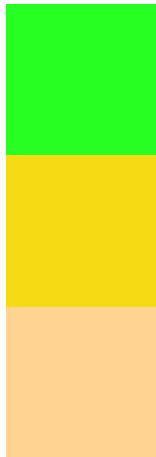


This preview shows how white text looks on a background with the YUV color 164.8090, -64.9818, -111.2115.

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

164.8090, -64.9818, -111.2115

Protanopia

204.3870, -90.9028, 36.4946

Deuteranopia

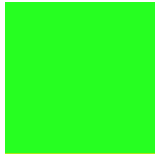
216.7460, -34.8778, 33.5488



Tritanopia

202.8840, 25.6932, -74.4433

Trichromacy



Original Color

164.8090, -64.9818, -111.2115



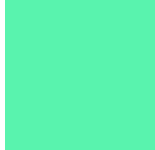
Protanomaly

189.8640, -81.2780, -17.4207



Deuteranomaly

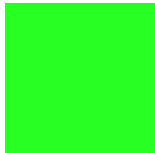
197.8430, -45.7716, -19.1563



Tritanomaly

189.0880, -7.4384, -87.7772

Monochromacy



Original Color

164.8090, -64.9818, -111.2115



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.1450, -23.7355, -40.4692

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8090, -64.9818, -111.2115 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(38, 255, 33)` looks like.

```
.text, #text, p{  
    color:rgb(38, 255, 33)  
}
```

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(38, 255, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 255, 33) }
```

Border

The CSS property to change the border of an element to YUV 164.8090, -64.9818, -111.2115 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(38, 255, 33) }
```


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

```
.border{ border-color:rgb(38, 255, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 255, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 255, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 255, 33);  
box-shadow:4px 4px 4px 4px rgb(38, 255,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 164.8090, -64.9818, -111.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 255, 33) }
```

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

```
.background{ background-color: rgb(38, 255,  
33) }
```

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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