

Converting Colors

YUV(158.1500, -28.6680,
-138.6976)

Have a look what the booklet for
YUV(158.1500, -28.6680, -138.6976)
contains.

YUV(158.1500, -28.6680, -138.6976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(158.1500, -28.6680,
-138.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	00FA64
RGB	0, 250, 100
RGB Percent	0%, 98%, 39%
CMY	1.0000, 0.0196, 0.6078
CMYK	1.00, 0.00, 0.60, 0.02
HSL	144°, 100%, 49%
HSV	144°, 100%, 98%
XYZ	36.4859, 69.2913, 23.5082
YIQ	158.1500, -100.8500, -99.6500

Conversions

Conversions Part 2

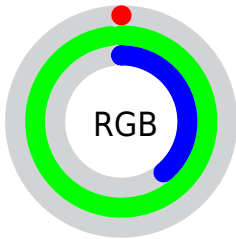
Format	Color
RYB	0, 179, 250
Decimal	64100
CIELab	86.65, -79.07, 57.00
CIELCh	87, 97.468, 144.212
Yxy	69.2913, 0.2822, 0.5360
Android (android.graphics.Color)	4278254180 (0xFF00FA64)
YUV	158.1500, -28.6680, -138.6976
Hunter-Lab	83.2414, -67.4334, 41.5249

Details

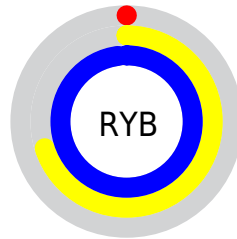
The YUV color **158.1500, -28.6680, -138.6976** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **91.8500, 28.6680, 138.6976**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7400, -23.0428, -76.0710**, and **117.7200, -36.3440, -103.2404** is the 20% darker color. If you saturate the color by 10%, you get **158.1500, -28.6680, -138.6976**, and if you desaturate by 10%, it is **167.3350, -25.8012, -124.8278**.

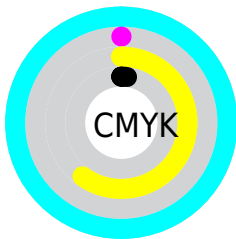
Distribution



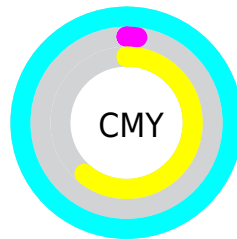
- Red (0%)
- Green (98%)
- Blue (39%)



- Red (0%)
- Yellow (70%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1500, -28.6680, -138.6976 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 158.1500, -28.6680, -138.6976 by changing the saturation by 10% instead.

■ 158.1500,
-28.6680, -138.6976

■ 158.1500,
-28.6680, -138.6976

■ 255.0000, 0.0000,
0.0000

■ 138.0490,
-32.0692, -121.0690

■ 201.7400,
-23.0428, -76.0710

■ 117.7200,
-36.3440, -103.2404

■ 215.3970,
-15.9717, -57.3532

■ 96.1370, -45.4235,
-84.3121

■ 228.5700, -8.1690,
-39.9649

■ 79.8320, -39.3572,
-70.0127

■ 241.4440, -0.2189,
-23.1914

■ 63.9830, -31.5436,
-56.1131

■ 252.9070, 1.0318,
-4.3034

■ 48.1340, -23.7301,
-42.2135

■ 34.0460, -16.7847,

-29.8583

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 158.1500,
-28.6680, -138.6976

■ 167.3350,
-25.8012, -124.8278

■ 176.5200,
-22.9344, -110.9580

■ 185.7050,
-20.0676, -97.0883

■ 194.8900,
-17.2008, -83.2185

■ 204.0750,
-14.3340, -69.3488

■ 213.2600,
-11.4672, -55.4790

■ 222.4450, -8.6004,
-41.6093

■ 231.6300, -5.7336,
-27.7395

■ 240.8150, -2.8668,
-13.8698

Harmonies

Analogous

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



193.2710, -95.2826, -5.4997



158.1500, -28.6680, -138.6976



171.9150, 11.3809, -150.7695

Triad

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



158.1500, -28.6680, -138.6976



166.4280, 43.6660, -145.9574



166.9650, -9.8427, 77.2067

Complementary

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



158.1500, -28.6680, -138.6976



91.8500, 28.6680, 138.6976

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.



172.7570, 32.6578, 72.1271



158.1500, -28.6680, -138.6976



198.7950, 27.7091, -20.8682

Square

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



158.1500, -28.6680, -138.6976



176.9940, 38.4570, -155.2237



196.3000, 28.9391, 51.4799



181.2280, -59.2724, 64.6980

Rectangle

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



158.1500, -28.6680, -138.6976



178.7550, 37.5888, -156.7681



196.3000, 28.9391, 51.4799



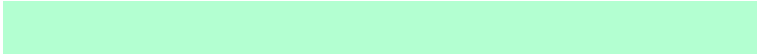
165.6890, 5.5763, 78.3257

Sweetspot

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



158.1500, -28.6680, -138.6976



227.0320, -8.8898, -42.1241



191.6000, -94.4588, -36.4832



111.0540, -5.4496, -25.4804



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.



158.1500, -28.6680, -138.6976



161.3130, -29.2413, -141.4715



172.4000, 25.9318, -151.1948



120.2010, -1.5781, -7.1923



119.4930, -21.9350, -104.7954



38.5430, -7.1697, -33.8022

Inverse Universe

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



91.8500, 28.6680, 138.6976



93.6870, 29.2413, 141.4715



77.6000, -25.9318, 151.1948



116.7990, 1.5781, 7.1923



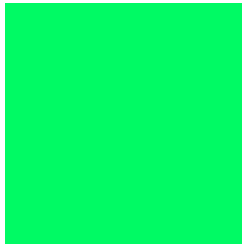
69.3930, 21.4983, 104.8953



22.4570, 7.1697, 33.8022

Previews

White Background



This preview shows how the YUV color 158.1500, -28.6680, -138.6976 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 158.1500, -28.6680, -138.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

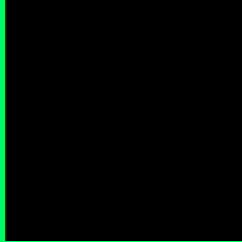
Any Text WCAG AA ✓ Pass

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 158.1500, -28.6680, -138.6976 Background



This preview shows how black text looks on a background with the YUV color 158.1500, -28.6680, -138.6976.

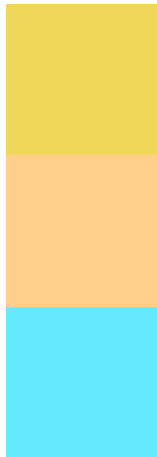


This preview shows how white text looks on a background with the YUV color 158.1500, -28.6680, -138.6976.

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



Protanopia

207.8120, -58.5743, 27.3519

Deuteranopia

213.6000, -36.7778, 36.3078

Tritanopia

195.8010, 28.1991, -84.8945

Trichromacy



Protanomaly

189.8860, -47.7648, -33.2260

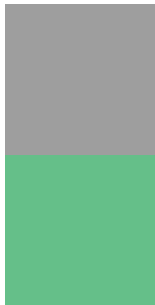
Deuteranomaly

193.5890, -33.8144, -27.7036

Tritanomaly

182.1750, 7.3087, -104.5165

Monochromacy



Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9340, -10.3205, -49.9311

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1500, -28.6680, -138.6976 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(0, 250, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 100)  
}
```

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(0, 250, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 100) }
```

Border

The CSS property to change the border of an element to YUV 158.1500, -28.6680, -138.6976 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(0, 250, 100) }
```

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

```
.border{ border-color:rgb(0, 250, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 250, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
100) }
```


Background

The CSS property to change the background color of an element to YUV 158.1500, -28.6680, -138.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 100) }
```

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

```
.background{ background-color: rgb(0, 250,  
100) }
```

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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