

Converting Colors

YUV(163.6580, -52.5824,
-121.6031)

Have a look what the booklet for
YUV(163.6580, -52.5824, -121.6031)
contains.

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Color

**YUV(163.6580, -52.5824,
-121.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	19FF39
RGB	25, 255, 57
RGB Percent	10%, 100%, 22%
CMY	0.9020, 0.0000, 0.7765
CMYK	0.90, 0.00, 0.78, 0.00
HSL	128°, 100%, 55%
HSV	128°, 90%, 100%
XYZ	36.8994, 72.0221, 15.8278
YIQ	163.6580, -73.5220, -110.3380

Conversions

Conversions Part 2

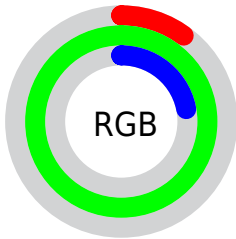
Format	Color
RYB	25, 227, 255
Decimal	1703737
CIELab	87.98, -83.43, 74.11
CIELCh	88, 111.599, 138.385
Yxy	72.0221, 0.2958, 0.5773
Android (android.graphics.Color)	4279893817 (0xFF19FF39)
YUV	163.6580, -52.5824, -121.6031
Hunter-Lab	84.8658, -70.9039, 48.3483

Details

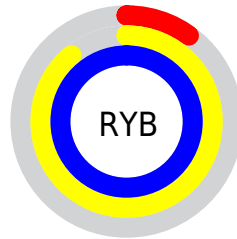
The YUV color **163.6580, -52.5824, -121.6031** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **116.3420, 52.5824, 121.6031**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9140, -40.3836, -67.4536**, and **115.0520, -56.7206, -100.9006** is the 20% darker color. If you saturate the color by 10%, you get **153.6750, -58.5068, -134.7730**, and if you desaturate by 10%, it is **173.6410, -46.6580, -108.4332**.

Distribution



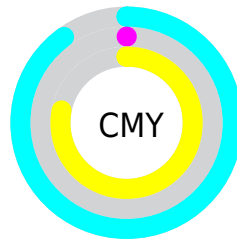
- Red (10%)
- Green (100%)
- Blue (22%)



- Red (10%)
- Yellow (89%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6580, -52.5824, -121.6031 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 163.6580, -52.5824, -121.6031 by changing the saturation by 10% instead.

163.6580,
-52.5824, -121.6031

163.6580,
-52.5824, -121.6031

255.0000, 0.0000,
0.0000

133.3290,
-60.3082, -116.9295

199.9140,
-40.3836, -67.4536

115.0520,
-56.7206, -100.9006

213.6850,
-32.8757, -48.8357

98.6160, -48.6177,
-86.4862

226.8580,
-25.0730, -31.4475

82.1800, -40.5147,
-72.0719

240.0310,
-17.2703, -14.0592

66.3310, -32.7012,
-58.1723

252.7200, -8.7360,
1.9996

50.4820, -24.8876,
-44.2727

35.8070, -17.6529,

-31.4027

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 163.6580,
-52.5824, -121.6031

■ 163.6580,
-52.5824, -121.6031

■ 153.6750,
-58.5068, -134.7730

■ 173.6410,
-46.6580, -108.4332

■ 183.9230,
-40.8810, -94.6485

■ 193.9060,
-34.9567, -81.4786

■ 204.1880,
-29.1797, -67.6939

■ 214.1710,
-23.2553, -54.5240

■ 224.4530,
-17.4783, -40.7393

■ 234.4360,
-11.5539, -27.5694

■ 244.7180, -5.7770,
-13.7847

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



198.9410, -98.0779, 4.4367



163.6580, -52.5824, -121.6031



169.5210, 2.2081, -148.6699

Triad

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



163.6580, -52.5824, -121.6031



173.4720, 40.1933, -152.1349



150.3640, 5.2435, 91.7658

Complementary

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



163.6580, -52.5824, -121.6031



116.3420, 52.5824, 121.6031

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.



162.2540, 45.7238, 81.3382



163.6580, -52.5824, -121.6031



179.8370, 37.0554, -78.7870

Square

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



163.6580, -52.5824, -121.6031



178.7550, 37.5888, -156.7681



197.4740, 28.3603, 50.4503



170.6790, -56.5367, 73.9495

Rectangle

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



163.6580, -52.5824, -121.6031



178.0710, 34.9680, -156.1683



197.4740, 28.3603, 50.4503



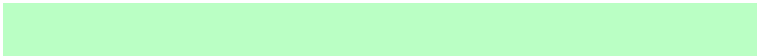
148.4840, 23.4254, 93.4145

Sweetspot

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



163.6580, -52.5824, -121.6031



227.6430, -15.6000, -36.5209



219.5110, -95.8939, 3.9369



111.6370, -9.6810, -21.6066



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.



163.6580, -52.5824, -121.6031



153.6750, -58.5068, -134.7730



176.6540, -2.7874, -133.0006



122.8590, -2.8885, -6.8923



115.1950, -43.4801, -101.0260



38.5940, -14.5898, -33.8469

Inverse Universe

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



116.3420, 52.5824, 121.6031



101.3250, 58.5068, 134.7730



103.3460, 2.7874, 133.0006



120.1410, 2.8885, 6.8923



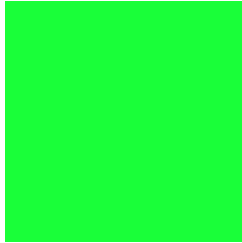
75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 163.6580, -52.5824, -121.6031 looks on a white background.

Color Contrast Check

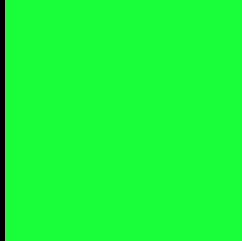
Large Text (above 18pt) WCAG AA × Fail

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 163.6580, -52.5824, -121.6031 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 163.6580, -52.5824, -121.6031 Background



This preview shows how black text looks on a background with the YUV color 163.6580, -52.5824, -121.6031.

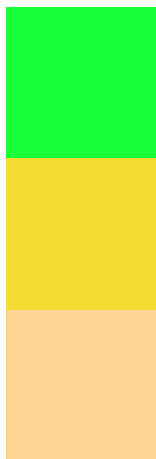


This preview shows how white text looks on a background with the YUV color 163.6580, -52.5824, -121.6031.

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

163.6580, -52.5824, -121.6031

Protanopia

207.5790, -78.6724, 33.6952

Deuteranopia

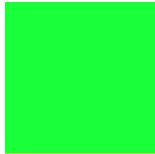
216.8600, -34.4410, 33.4488



Tritanopia

203.1720, 25.5512, -75.5728

Trichromacy



Original Color

163.6580, -52.5824, -121.6031



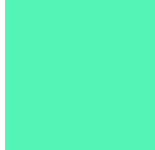
Protanomaly

191.6320, -69.3316, -22.4793



Deuteranomaly

197.3740, -41.1034, -23.1300



Tritanomaly

189.2060, -3.0596, -92.2657

Monochromacy



Original Color

163.6580, -52.5824, -121.6031



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.6760, -19.0673, -44.4429

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6580, -52.5824, -121.6031 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(25, 255, 57)` looks like.

```
.text, #text, p{  
    color:rgb(25, 255, 57)  
}
```

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(25, 255, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 255, 57) }
```

Border

The CSS property to change the border of an element to YUV 163.6580, -52.5824, -121.6031 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(25, 255, 57) }
```


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

```
.border{ border-color:rgb(25, 255, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 255, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 255, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 255, 57);  
box-shadow:4px 4px 4px 4px rgb(25, 255,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 163.6580, -52.5824, -121.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 255, 57) }
```

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

```
.background{ background-color: rgb(25, 255,  
57) }
```

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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