

Converting Colors

YUV(163.7970, -56.5949,
-94.5380)

Have a look what the booklet for
YUV(163.7970, -56.5949, -94.5380)
contains.

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Color

**YUV(163.7970, -56.5949,
-94.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	38F131
RGB	56, 241, 49
RGB Percent	22%, 95%, 19%
CMY	0.7804, 0.0549, 0.8078
CMYK	0.77, 0.00, 0.80, 0.05
HSL	118°, 87%, 57%
HSV	118°, 80%, 95%
XYZ	33.6406, 63.9731, 13.4807
YIQ	163.7970, -48.6280, -98.9320

Conversions

Conversions Part 2

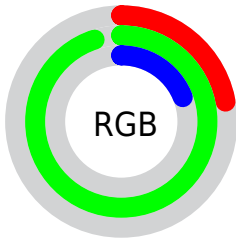
Format	Color
R_{YB}	49, 241, 234
Decimal	3731761
CIE Lab	83.95, -77.15, 72.65
CIE LCh	84, 105.969, 136.719
Yxy	63.9731, 0.3028, 0.5758
Android (android.graphics.Color)	4281921841 (0xFF38F131)
YUV	163.7970, -56.5949, -94.5380
Hunter-Lab	79.9832, -64.8943, 45.9952

Details

The YUV color **163.7970, -56.5949, -94.5380** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **126.2030, 56.5949, 94.5380**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1060, -44.9153, -60.6060**, and **107.4210, -52.9586, -94.2082** is the 20% darker color. If you saturate the color by 10%, you get **154.1840, -63.6877, -106.2784**, and if you desaturate by 10%, it is **173.4100, -49.5021, -82.7976**.

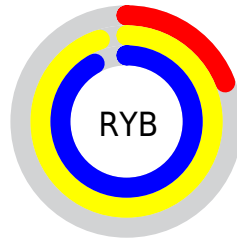
Distribution



Red (22%)

Green (95%)

Blue (19%)



Red (19%)

Yellow (95%)

Blue (92%)

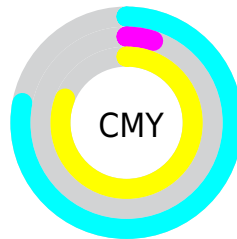


Cyan (77%)

Magenta (0%)

Yellow (80%)

Black (5%)



Cyan (78%)

Magenta (5%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7970, -56.5949, -94.5380 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 163.7970, -56.5949, -94.5380 by changing the saturation by 10% instead.

■ 163.7970,
-56.5949, -94.5380

■ 163.7970,
-56.5949, -94.5380

255.0000, 0.0000,
0.0000

■ 124.4440,
-61.3509, -109.1374

■ 202.1060,
-44.9153, -60.6060

■ 107.4210,
-52.9586, -94.2082

■ 215.2790,
-37.1125, -43.2177

■ 90.9850, -44.8556,
-79.7938

■ 228.0390,
-29.5992, -26.3442

■ 75.1360, -37.0420,
-65.8943

■ 240.9130,
-21.6491, -9.5707

■ 59.2870, -29.2285,
-51.9947

■ 251.8080,
-12.2303, 2.7994

■ 44.0250, -21.7043,
-38.6099

■ 29.3500, -14.4695,

-25.7399

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 163.7970,
-56.5949, -94.5380

■ 163.7970,
-56.5949, -94.5380

■ 154.1840,
-63.6877, -106.2784

■ 173.4100,
-49.5021, -82.7976

■ 144.5710,
-70.7805, -118.0188

■ 183.0230,
-42.4093, -71.0572

■ 144.1580,
-71.0699, -118.5336

■ 192.9350,
-35.4640, -58.7020

■ 202.5480,
-28.3712, -46.9616

■ 212.1610,
-21.2784, -35.2212

■ 221.8880,
-13.7488, -23.5808

■ 231.8000, -6.8034,
-11.2256

■ 241.4130, 0.2894,
0.5148

■ 246.7820, 4.0515,
7.2072

Harmonies

Analogous

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



189.8150, -93.5788, 8.0552



163.7970, -56.5949, -94.5380



164.9900, -2.4601, -144.6962

Triad

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



163.7970, -56.5949, -94.5380



166.4280, 43.6660, -145.9574



147.6740, 5.0907, 94.1249

Complementary

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



163.7970, -56.5949, -94.5380



126.2030, 56.5949, 94.5380

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.



162.8410, 45.4344, 80.8234



163.7970, -56.5949, -94.5380



164.9860, 44.3769, -93.8267

Square

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



163.7970, -56.5949, -94.5380



175.2330, 39.3251, -153.6793



195.1260, 29.5179, 52.5095



166.0800, -51.3114, 77.9828

Rectangle

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



163.7970, -56.5949, -94.5380



174.7310, 27.2476, -153.2391



195.1260, 29.5179, 52.5095



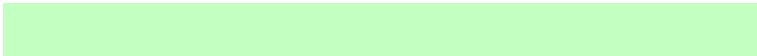
147.3270, 21.5308, 94.4292

Sweetspot

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



163.7970, -56.5949, -94.5380



230.4050, -17.9477, -30.1732



213.2420, -80.9713, 24.3438



113.0180, -10.8549, -18.4328



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.



163.7970, -56.5949, -94.5380



156.5060, -72.2275, -120.5928



171.5080, -17.9984, -107.4395



115.0440, -3.4727, -6.1776



110.1010, -54.2798, -90.4196



33.4700, -16.5007, -27.5992

Inverse Universe

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



126.2030, 56.5949, 94.5380



108.4940, 72.2275, 120.5928



118.4920, 17.9984, 107.4395



112.6570, 3.6201, 5.5628



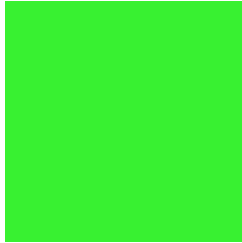
73.8990, 54.2798, 90.4196



22.5300, 16.5007, 27.5992

Previews

White Background



This preview shows how the YUV color 163.7970, -56.5949, -94.5380 looks on a white background.

Color Contrast Check

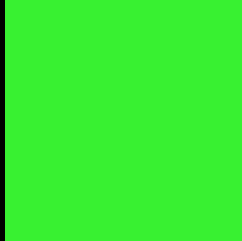
Large Text (above 18pt) WCAG AA × Fail

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 163.7970, -56.5949, -94.5380 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 163.7970, -56.5949, -94.5380 Background



This preview shows how black text looks on a background with the YUV color 163.7970, -56.5949, -94.5380.



This preview shows how white text looks on a background with the YUV color 163.7970, -56.5949, -94.5380.

-94.5380.

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

163.7970, -56.5949, -94.5380

Protanopia

196.3230, -77.0672, 32.1657

Deuteranopia

203.0730, -54.2660, 45.5400



Tritanopia

192.6780, 24.8087, -70.7546

Trichromacy



Original Color

163.7970, -56.5949, -94.5380



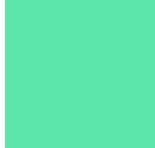
Protanomaly

184.5730, -69.7955, -13.6575



Deuteranomaly

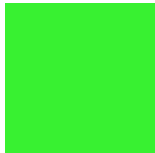
189.1130, -55.2717, -5.3611



Tritanomaly

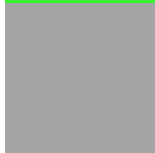
182.1260, -4.9921, -79.0405

Monochromacy



Original Color

163.7970, -56.5949, -94.5380



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.9870, -20.6996, -34.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7970, -56.5949, -94.5380 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(56, 241, 49)` looks like.

```
.text, #text, p{  
    color:rgb(56, 241, 49)  
}
```

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(56, 241, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 241, 49) }
```

Border

The CSS property to change the border of an element to YUV 163.7970, -56.5949, -94.5380 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(56, 241, 49) }
```


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

```
.border{ border-color:rgb(56, 241, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 241, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 241, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 241, 49);  
box-shadow:4px 4px 4px 4px rgb(56, 241,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 163.7970, -56.5949, -94.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 241, 49) }
```

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

```
.background{ background-color: rgb(56, 241,  
49) }
```

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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