

Converting Colors

YUV(161.4580, -51.9908,
-31.0967)

Have a look what the booklet for
YUV(161.4580, -51.9908, -31.0967)
contains.

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Color

**YUV(161.4580, -51.9908,
-31.0967)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC838
RGB	126, 200, 56
RGB Percent	49%, 78%, 22%
CMY	0.5059, 0.2157, 0.7804
CMYK	0.37, 0.00, 0.72, 0.22
HSL	91°, 57%, 50%
HSV	91°, 72%, 78%
XYZ	29.9723, 46.0297, 11.0463
YIQ	161.4580, 2.1200, -60.4720

Conversions

Conversions Part 2

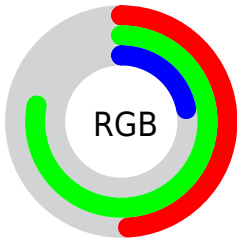
Format	Color
RYB	56, 200, 130
Decimal	8308792
CIELab	73.56, -45.73, 61.14
CIElCh	74, 76.351, 126.792
Yxy	46.0297, 0.3443, 0.5288
Android (android.graphics.Color)	4286498872 (0xFF7EC838)
YUV	161.4580, -51.9908, -31.0967
Hunter-Lab	67.8452, -39.8723, 37.8383

Details

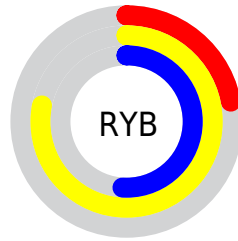
The YUV color **161.4580, -51.9908, -31.0967** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **94.5420, 51.9908, 31.0967**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.1700, -51.8488, -29.9671**, and **105.7460, -52.1328, -32.2262** is the 20% darker color. If you saturate the color by 10%, you get **156.1880, -59.2527, -35.2449**, and if you desaturate by 10%, it is **166.7280, -44.7289, -26.9485**.

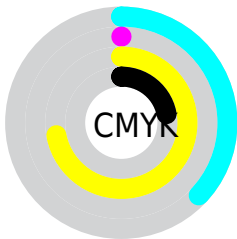
Distribution



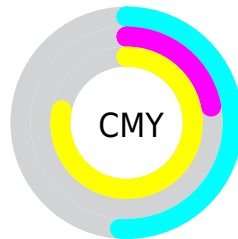
- Red (49%)
- Green (78%)
- Blue (22%)



- Red (22%)
- Yellow (78%)
- Blue (51%)



- Cyan (37%)
- Magenta (0%)
- Yellow (72%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.4580, -51.9908, -31.0967 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 161.4580, -51.9908, -31.0967 by changing the saturation by 10% instead.

■ 161.4580,
-51.9908, -31.0967

■ 161.4580,
-51.9908, -31.0967

255.0000, 0.0000,
0.0000

■ 132.8880,
-54.1748, -30.5968

■ 217.1700,
-51.8488, -29.9671

■ 105.7460,
-52.1328, -32.2262

■ 229.2180,
-44.4775, -14.2232

■ 80.9160, -39.8916,
-38.5143

■ 241.0810,
-36.5219, 0.8060

■ 55.1780, -27.2028,
-48.3911

■ 248.2740,
-25.7711, 5.8987

■ 40.5030, -19.9680,
-35.5211

■ 251.4660,
-13.5407, 3.0993

■ 27.5890, -13.6014,
-24.1956

254.8860, -0.4368,

■ 12.3270, -6.0772,

0.1000

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 161.4580,
-51.9908, -31.0967

■ 161.4580,
-51.9908, -31.0967

■ 156.1880,
-59.2527, -35.2449

■ 166.7280,
-44.7289, -26.9485

■ 150.6190,
-66.3672, -40.0079

■ 172.2970,
-37.6144, -22.1855

■ 146.4030,
-72.1767, -43.3264

■ 177.5670,
-30.3525, -18.0373

■ 182.8370,
-23.0906, -13.8890

■ 188.1070,
-15.8288, -9.7408

■ 193.6760, -8.7143,
-4.9779

■ 198.9460, -1.4524,
-0.8296

■ 204.2160, 5.8095,
3.3186

■ 209.7850, 12.9240,
8.0816

Harmonies

Analogous

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



167.2210, -82.4400, 28.7472



161.4580, -51.9908, -31.0967



137.1780, -7.4828, -120.3051

Triad

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



161.4580, -51.9908, -31.0967



148.2310, 52.6371, -129.9986



159.9670, 3.9603, 83.3439

Complementary

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



161.4580, -51.9908, -31.0967



94.5420, 51.9908, 31.0967

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.



175.4640, 30.3372, 69.7531



161.4580, -51.9908, -31.0967



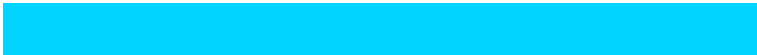
137.0780, 58.1355, -120.2174

Square

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



161.4580, -51.9908, -31.0967



153.5140, 50.0326, -134.6318



180.7520, 36.6043, 19.5115



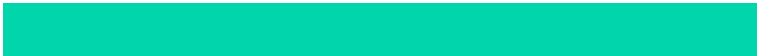
162.1940, -30.6616, 81.3909

Rectangle

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



161.4580, -51.9908, -31.0967



144.5250, 13.0522, -126.7484



180.7520, 36.6043, 19.5115



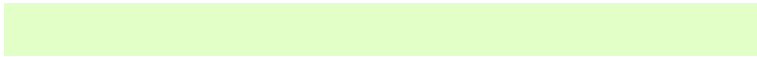
163.1760, 13.7172, 80.5296

Sweetspot

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



161.4580, -51.9908, -31.0967



239.9450, -20.1859, -12.2298



141.3200, -42.0628, 51.4624



118.7420, -12.1978, -7.6667



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.



161.4580, -51.9908, -31.0967



196.2470, -79.0018, -47.5746



140.5280, -41.6723, -74.1311



96.4790, -3.1941, -2.1741



119.3020, -58.8159, -35.3449



26.2150, -12.9240, -8.0816

Inverse Universe

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



94.5420, 51.9908, 31.0967



94.4540, 79.1492, 46.9598



115.4720, 41.6723, 74.1311



92.5210, 3.1941, 2.1741



43.6980, 58.8159, 35.3449



9.4860, 13.0714, 7.4668

Previews

White Background



This preview shows how the YUV color 161.4580, -51.9908, -31.0967 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 161.4580, -51.9908, -31.0967 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 161.4580, -51.9908, -31.0967 Background



This preview shows how black text looks on a background with the YUV color 161.4580, -51.9908, -31.0967.



This preview shows how white text looks on a background with the YUV color 161.4580, -51.9908, -31.0967.

-31.0967.

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

161.4580, -51.9908, -31.0967

Protanopia

171.8720, -59.5899, 26.4223

Deuteranopia

174.9910, -53.2396, 42.9809



Tritanopia

176.4510, 12.5957, -26.7055

Trichromacy



Original Color

161.4580, -51.9908, -31.0967

Protanomaly

167.8370, -56.6146, 5.4050

Deuteranomaly

170.2280, -52.8634, 15.5860

Tritanomaly

171.2510, -10.9697, -28.2841

Monochromacy



Original Color

161.4580, -51.9908, -31.0967

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.9990, -18.7335, -11.4001

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.4580, -51.9908, -31.0967 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(126, 200, 56)` looks like.

```
.text, #text, p{  
    color:rgb(126, 200, 56)  
}
```

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(126, 200, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 200, 56) }
```

Border

The CSS property to change the border of an element to YUV 161.4580, -51.9908, -31.0967 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(126, 200, 56) }
```


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

```
.border{ border-color:rgb(126, 200, 56) }
```

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

Here you see how a box with a 4 pixel rgb(126, 200, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 200, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 200, 56);  
box-shadow:4px 4px 4px 4px rgb(126, 200,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 161.4580, -51.9908, -31.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 200, 56) }
```

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

```
.background{ background-color: rgb(126,  
200, 56) }
```

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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