

Converting Colors

YUV(178.0710, -41.9400,
-81.6233)

Have a look what the booklet for
YUV(178.0710, -41.9400, -81.6233)
contains.

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Color

**YUV(178.0710, -41.9400,
-81.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	55F25D
RGB	85, 242, 93
RGB Percent	33%, 95%, 36%
CMY	0.6667, 0.0510, 0.6353
CMYK	0.65, 0.00, 0.62, 0.05
HSL	123°, 86%, 64%
HSV	123°, 65%, 95%
XYZ	37.4742, 66.2259, 21.1637
YIQ	178.0710, -45.7430, -79.6230

Conversions

Conversions Part 2

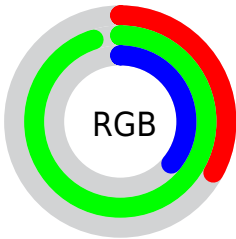
Format	Color
R _Y B	85, 234, 242
Decimal	5632605
CIE Lab	85.11, -69.19, 58.48
CIE LCh	85, 90.591, 139.796
Yxy	66.2259, 0.3001, 0.5304
Android (android.graphics.Color)	4283822685 (0xFF55F25D)
YUV	178.0710, -41.9400, -81.6233
Hunter-Lab	81.3793, -60.2165, 41.5464

Details

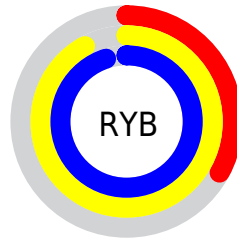
The YUV color **178.0710, -41.9400, -81.6233** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **148.9290, 41.9400, 81.6233**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7060, -31.4071, -53.2392**, and **111.9980, -37.9600, -98.2222** is the 20% darker color. If you saturate the color by 10%, you get **168.2730, -48.4486, -94.0784**, and if you desaturate by 10%, it is **187.8690, -35.4314, -69.1681**.

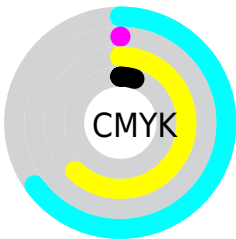
Distribution



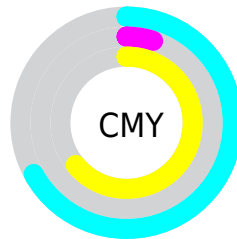
- Red (33%)
- Green (95%)
- Blue (36%)



- Red (33%)
- Yellow (92%)
- Blue (95%)



- Cyan (65%)
- Magenta (0%)
- Yellow (62%)
- Black (5%)



- Cyan (67%)
- Magenta (5%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0710, -41.9400, -81.6233 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 178.0710, -41.9400, -81.6233 by changing the saturation by 10% instead.

■ 178.0710,
-41.9400, -81.6233

■ 178.0710,
-41.9400, -81.6233

255.0000, 0.0000,
0.0000

■ 145.2980,
-39.5869, -89.7153

■ 211.7060,
-31.4071, -53.2392

■ 111.9980,
-37.9600, -98.2222

■ 224.1670,
-23.7463, -36.9805

■ 92.1590, -45.4344,
-80.8234

■ 236.7420,
-15.6488, -20.8217

■ 75.7230, -37.3314,
-66.4091

■ 249.3170, -7.5513,
-4.6630

■ 60.4610, -29.8073,
-53.0243

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 178.0710,
-41.9400, -81.6233

■ 178.0710,
-41.9400, -81.6233

■ 168.2730,
-48.4486, -94.0784

■ 187.8690,
-35.4314, -69.1681

■ 158.4750,
-54.9572, -106.5336

■ 197.6670,
-28.9228, -56.7130


■ 148.3780,
-61.3184, -119.6035

■ 207.7640,
-22.5617, -43.6430


■ 143.4220,
-64.7910, -125.7811

■ 217.5620,
-16.0531, -31.1879

 227.3600, -9.5445,
-18.7327

 237.1580, -3.0359,
-6.2776

 246.9560, 3.4727,
6.1776

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



191.5760, -94.4470, 6.5108



178.0710, -41.9400, -81.6233



167.1560, 5.8391, -146.5958

Triad

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



178.0710, -41.9400, -81.6233



164.6670, 44.5342, -144.4130



169.6210, -4.7432, 74.8774

Complementary

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



178.0710, -41.9400, -81.6233



148.9290, 41.9400, 81.6233

Split Complementary

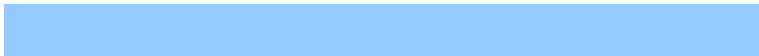
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



179.4250, 32.8215, 66.2793



178.0710, -41.9400, -81.6233



191.8960, 31.1103, -38.4968

Square

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



178.0710, -41.9400, -81.6233



174.0590, 39.9039, -152.6497



200.9960, 26.6240, 47.3615



180.5730, -49.0895, 65.2725

Rectangle

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



178.0710, -41.9400, -81.6233



175.1700, 31.4682, -153.6241



200.9960, 26.6240, 47.3615



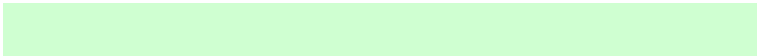
169.8780, 8.9341, 74.6520

Sweetspot

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



178.0710, -41.9400, -81.6233



235.4040, -13.0172, -24.9103



221.7100, -67.3980, 10.7783



115.8380, -7.8081, -15.6439



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.



178.0710, -41.9400, -81.6233



173.9530, -53.2208, -103.4448



186.9630, -7.8698, -89.4216



115.0440, -3.4727, -6.1776



109.0340, -49.3168, -95.6228



33.2140, -14.8955, -29.1287

Inverse Universe

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



148.9290, 41.9400, 81.6233



137.0470, 53.2208, 103.4448



140.0370, 7.8698, 89.4216



112.8420, 3.0359, 6.2776



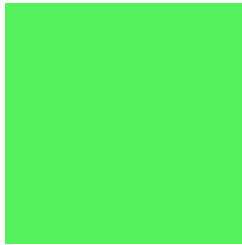
74.8520, 48.8800, 95.7228



22.7860, 14.8955, 29.1287

Previews

White Background



This preview shows how the YUV color 178.0710, -41.9400, -81.6233 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 178.0710, -41.9400, -81.6233 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 178.0710, -41.9400, -81.6233 Background



This preview shows how black text looks on a background with the YUV color 178.0710, -41.9400, -81.6233.



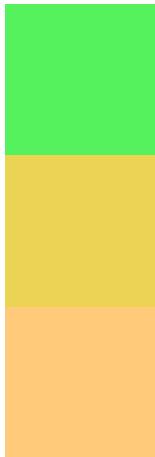
This preview shows how white text looks on a background with the YUV color 178.0710, -41.9400, -81.6233.

-81.6233.

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

178.0710, -41.9400, -81.6233

Protanopia

203.6980, -59.0111, 27.4519

Deuteranopia

208.6130, -43.1932, 40.6814



Tritanopia

198.5540, 22.8979, -64.5069

Trichromacy



Original Color

178.0710, -41.9400, -81.6233



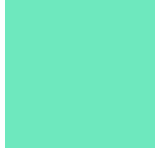
Protanomaly

194.0520, -52.7766, -12.3236



Deuteranomaly

197.7400, -42.7628, -4.1570



Tritanomaly

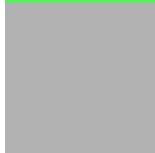
190.7340, -0.3619, -70.8037

Monochromacy



Original Color

178.0710, -41.9400, -81.6233



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.8010, -15.1849, -29.6435

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0710, -41.9400, -81.6233 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(85, 242, 93)` looks like.

```
.text, #text, p{  
    color:rgb(85, 242, 93)  
}
```

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(85, 242, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 242, 93) }
```

Border

The CSS property to change the border of an element to YUV 178.0710, -41.9400, -81.6233 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(85, 242, 93) }
```


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

```
.border{ border-color:rgb(85, 242, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 242, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 242, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 242, 93);  
box-shadow:4px 4px 4px 4px rgb(85, 242,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 178.0710, -41.9400, -81.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 242, 93) }
```

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

```
.background{ background-color: rgb(85, 242,  
93) }
```

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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