

Converting Colors

YUV(178.7100, -51.1290,
-74.2907)

Have a look what the booklet for
YUV(178.7100, -51.1290, -74.2907)
contains.

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Color

**YUV(178.7100, -51.1290,
-74.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	5EF24B
RGB	94, 242, 75
RGB Percent	37%, 95%, 29%
CMY	0.6314, 0.0510, 0.7059
CMYK	0.61, 0.00, 0.69, 0.05
HSL	113°, 87%, 62%
HSV	113°, 69%, 95%
XYZ	37.6382, 66.3919, 17.4878
YIQ	178.7100, -34.6010, -83.3130

Conversions

Conversions Part 2

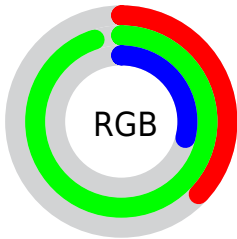
Format	Color
RYB	75, 242, 223
Decimal	6222411
CIELab	85.20, -69.02, 65.76
CIELCh	85, 95.332, 136.385
Yxy	66.3919, 0.3097, 0.5464
Android (android.graphics.Color)	4284412491 (0xFF5EF24B)
YUV	178.7100, -51.1290, -74.2907
Hunter-Lab	81.4813, -60.1386, 44.3118

Details

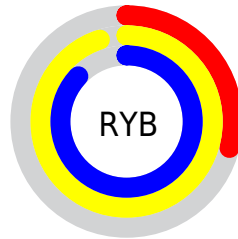
The YUV color **178.7100, -51.1290, -74.2907** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **138.2900, 51.1290, 74.2907**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9750, -39.4277, -47.3361**, and **108.0080, -53.2479, -94.7230** is the 20% darker color. If you saturate the color by 10%, you get **169.6950, -58.5166, -84.8015**, and if you desaturate by 10%, it is **187.7250, -43.7414, -63.7798**.

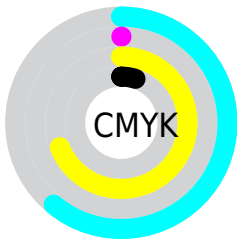
Distribution



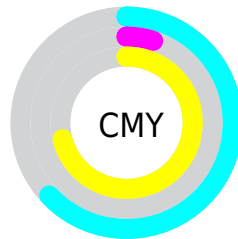
- Red (37%)
- Green (95%)
- Blue (29%)



- Red (29%)
- Yellow (95%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (69%)
- Black (5%)



- Cyan (63%)
- Magenta (5%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.7100, -51.1290, -74.2907 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 178.7100, -51.1290, -74.2907 by changing the saturation by 10% instead.

■ 178.7100,
-51.1290, -74.2907

■ 178.7100,
-51.1290, -74.2907

■ 255.0000, 0.0000,
0.0000

■ 146.7910,
-50.6760, -79.6237

■ 211.9750,
-39.4277, -47.3361

■ 108.0080,
-53.2479, -94.7230

■ 224.4360,
-31.7669, -31.0774

■ 92.1590, -45.4344,
-80.8234

■ 236.8970,
-24.1062, -14.8187

■ 75.7230, -37.3314,
-66.4091

■ 249.5860,
-15.5719, 1.2401

■ 60.4610, -29.8073,
-53.0243

■ 254.0880, -3.4944,
0.7998

■ 45.1990, -22.2831,
-39.6395

■ 31.6980, -15.6271,

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 178.7100,
-51.1290, -74.2907

■ 178.7100,
-51.1290, -74.2907

■ 169.6950,
-58.5166, -84.8015

■ 187.7250,
-43.7414, -63.7798

■ 160.3810,
-65.7568, -95.9271


■ 197.0390,
-36.5012, -52.6542


■ 151.2520,
-73.5812, -106.3380

■ 206.1680,
-28.6768, -42.2433

■ 150.4260,
-74.1600, -107.3676

■ 215.4820,
-21.4366, -31.1177

 224.4970,
-14.0490, -20.6069

 233.8110, -6.8088,
-9.4812

 242.8260, 0.5788,
1.0296

 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.



193.6800, -95.4842, 12.5586



178.7100, -51.1290, -74.2907



166.3750, 0.3081, -145.9109

Triad

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



178.7100, -51.1290, -74.2907



167.0150, 43.3766, -146.4722



164.6630, 1.6451, 79.2255

Complementary

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



178.7100, -51.1290, -74.2907



138.2900, 51.1290, 74.2907

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.



177.5160, 38.1996, 67.9535



178.7100, -51.1290, -74.2907



182.2840, 35.8490, -65.1471

Square

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



178.7100, -51.1290, -74.2907



175.8200, 39.0357, -154.1941



201.5830, 26.3346, 46.8467



175.5180, -45.6114, 69.7057

Rectangle

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



178.7100, -51.1290, -74.2907



175.3180, 26.9582, -153.7539



201.5830, 26.3346, 46.8467



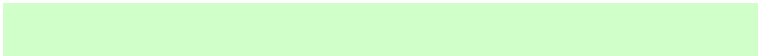
165.6210, 15.4698, 78.3854

Sweetspot

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



178.7100, -51.1290, -74.2907



234.7910, -16.6590, -23.4957



211.8090, -67.4468, 26.4775



115.6810, -9.7027, -14.6292



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.



178.7100, -51.1290, -74.2907



174.6200, -64.8887, -94.3827



180.3250, -20.3732, -92.3700



115.3430, -3.6201, -5.5628



114.2870, -56.3435, -81.8127



34.6660, -17.0903, -25.1401

Inverse Universe

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



138.2900, 51.1290, 74.2907



123.3800, 64.8887, 94.3827



136.6750, 20.3732, 92.3700



112.3580, 3.7675, 4.9480



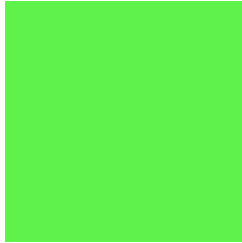
69.7130, 56.3435, 81.8127



21.3340, 17.0903, 25.1401

Previews

White Background



This preview shows how the YUV color 178.7100, -51.1290, -74.2907 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 178.7100, -51.1290, -74.2907 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 178.7100, -51.1290, -74.2907 Background



This preview shows how black text looks on a background with the YUV color 178.7100, -51.1290, -74.2907.



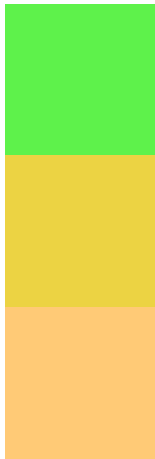
This preview shows how white text looks on a background with the YUV color 178.7100, -51.1290, -74.2907.

-74.2907.

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

178.7100, -51.1290, -74.2907

Protanopia

202.0590, -66.5841, 29.7663

Deuteranopia

208.2710, -44.5036, 40.9813



Tritanopia

199.9460, 21.7186, -59.5886

Trichromacy



Original Color

178.7100, -51.1290, -74.2907



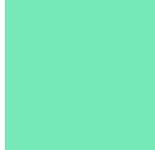
Protanomaly

193.3100, -60.7918, -8.1649



Deuteranomaly

197.6110, -47.1362, -1.4128



Tritanomaly

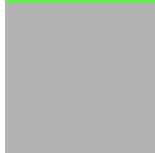
192.3280, -4.5987, -65.1857

Monochromacy



Original Color

178.7100, -51.1290, -74.2907



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.9000, -18.6847, -27.0993

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7100, -51.1290, -74.2907 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(94, 242, 75)` looks like.

```
.text, #text, p{  
    color:rgb(94, 242, 75)  
}
```

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(94, 242, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 242, 75) }
```

Border

The CSS property to change the border of an element to YUV 178.7100, -51.1290, -74.2907 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(94, 242, 75) }
```


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

```
.border{ border-color:rgb(94, 242, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 242, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 242, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 242, 75);  
box-shadow:4px 4px 4px 4px rgb(94, 242,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 178.7100, -51.1290, -74.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 242, 75) }
```

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

```
.background{ background-color: rgb(94, 242,  
75) }
```

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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