

Converting Colors

YUV(178.6050, -28.3993,
-84.7226)

Have a look what the booklet for
YUV(178.6050, -28.3993, -84.7226)
contains.

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Color

**YUV(178.6050, -28.3993,
-84.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	52EF79
RGB	82, 239, 121
RGB Percent	32%, 94%, 47%
CMY	0.6784, 0.0627, 0.5255
CMYK	0.66, 0.00, 0.49, 0.06
HSL	135°, 83%, 63%
HSV	135°, 66%, 94%
XYZ	37.7974, 64.9073, 28.6254
YIQ	178.6050, -55.6940, -69.9820

Conversions

Conversions Part 2

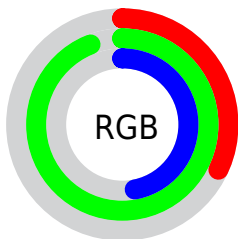
Format	Color
RYB	82, 208, 239
Decimal	5435257
CIELab	84.44, -65.23, 45.04
CIELCh	84, 79.268, 145.373
Yxy	64.9073, 0.2878, 0.4942
Android (android.graphics.Color)	4283625337 (0xFF52EF79)
YUV	178.6050, -28.3993, -84.7226
Hunter-Lab	80.5651, -57.2450, 35.3294

Details

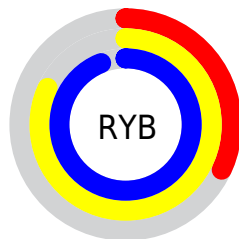
The YUV color **178.6050, -28.3993, -84.7226** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **142.3950, 28.3993, 84.7226**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5880, -19.0239, -58.3977**, and **114.7000, -22.5301, -100.5919** is the 20% darker color. If you saturate the color by 10%, you get **169.3770, -32.7239, -97.6776**, and if you desaturate by 10%, it is **187.8330, -24.0747, -71.7675**.

Distribution



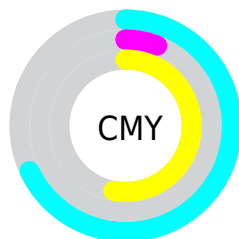
- Red (32%)
- Green (94%)
- Blue (47%)



- Red (32%)
- Yellow (82%)
- Blue (94%)



- Cyan (66%)
- Magenta (0%)
- Yellow (49%)
- Black (6%)



- Cyan (68%)
- Magenta (6%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.6050, -28.3993, -84.7226 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 178.6050, -28.3993, -84.7226 by changing the saturation by 10% instead.

178.6050,
-28.3993, -84.7226

178.6050,
-28.3993, -84.7226

255.0000, 0.0000,
0.0000

146.0600,
-25.1726, -93.0146

213.5880,
-19.0239, -58.3977

114.7000,
-22.5301, -100.5919

226.0490,
-11.3632, -42.1390

95.3000, -25.7839,
-83.5781

238.6240, -3.2656,
-25.9802

76.0310, -31.0743,
-66.6792

250.2160, 2.3585,
-9.8364

58.7000, -28.9391,
-51.4799

44.0250, -21.7043,
-38.6099

30.5240, -15.0483,

-26.7695

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 178.6050,
-28.3993, -84.7226

■ 178.6050,
-28.3993, -84.7226

■ 169.3770,
-32.7239, -97.6776

■ 187.8330,
-24.0747, -71.7675

■ 160.1490,
-37.0485, -110.6327

■ 197.0610,
-19.7501, -58.8125

■ 150.9210,
-41.3731, -123.5877


■ 206.2890,
-15.4255, -45.8575


■ 147.0190,
-43.3934, -128.9357

■ 215.5170,
-11.1009, -32.9024

 224.7450, -6.7763,
-19.9474

 233.6740, -2.3043,
-7.6071

 242.9020, 2.0203,
5.3479

 245.6080, 4.6303,
8.2368

Harmonies

Analogous

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



194.8280, -66.4702, -6.8652



178.6050, -28.3993, -84.7226



166.1590, 14.7116, -145.7214

Triad

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



178.6050, -28.3993, -84.7226



159.9710, 46.8493, -140.2946



179.1610, -13.8834, 66.5108

Complementary

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



178.6050, -28.3993, -84.7226



142.3950, 28.3993, 84.7226

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.



184.1890, 20.6128, 62.1012



178.6050, -28.3993, -84.7226



200.9320, 26.6555, -9.5874

Square

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



178.6050, -28.3993, -84.7226



169.3630, 42.2190, -148.5314



200.9960, 26.6240, 47.3615



187.7140, -49.6520, 59.0098

Rectangle

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



178.6050, -28.3993, -84.7226



172.6740, 37.1357, -151.4351



200.9960, 26.6240, 47.3615



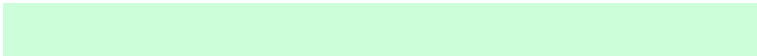
178.3750, -1.6639, 67.2001

Sweetspot

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



178.6050, -28.3993, -84.7226



235.4190, -9.0806, -27.5545



210.0390, -63.1232, -7.0502



116.1090, -5.4767, -16.7586



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.



178.6050, -28.3993, -84.7226



177.6870, -36.3277, -108.4735



187.2690, 4.7974, -92.3209



115.3860, -2.1623, -6.4775



113.2520, -33.1552, -99.3220



34.4680, -10.0907, -30.2284

Inverse Universe

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



142.3950, 28.3993, 84.7226



131.3130, 36.3277, 108.4735



133.7310, -4.7974, 92.3209



112.6140, 2.1623, 6.4775



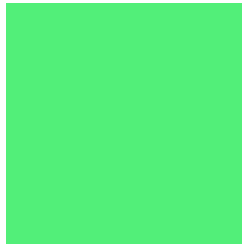
70.7480, 33.1552, 99.3220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 178.6050, -28.3993, -84.7226 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 178.6050, -28.3993, -84.7226 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 178.6050, -28.3993, -84.7226 Background



This preview shows how black text looks on a background with the YUV color 178.6050, -28.3993, -84.7226.



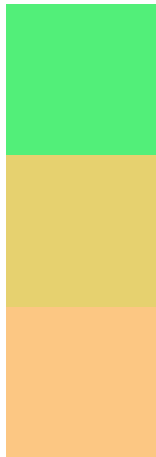
This preview shows how white text looks on a background with the YUV color 178.6050, -28.3993, -84.7226.

-84.7226.

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

178.6050, -28.3993, -84.7226

Protanopia

204.1070, -45.9018, 22.7082

Deuteranopia

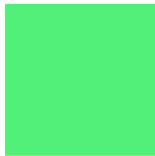
207.0950, -37.5148, 39.3817



Tritanopia

195.4720, 23.9243, -67.0659

Trichromacy



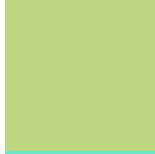
Original Color

178.6050, -28.3993, -84.7226



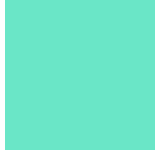
Protanomaly

194.8740, -39.3779, -16.5525



Deuteranomaly

196.9060, -34.4637, -6.0566



Tritanomaly

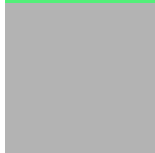
189.3900, 4.7377, -73.1330

Monochromacy



Original Color

178.6050, -28.3993, -84.7226



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0550, -10.3801, -30.7432

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.6050, -28.3993, -84.7226 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(82, 239, 121)` looks like.

```
.text, #text, p{  
    color:rgb(82, 239, 121)  
}
```

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(82, 239, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 239, 121) }
```

Border

The CSS property to change the border of an element to YUV 178.6050, -28.3993, -84.7226 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(82, 239, 121) }
```


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

```
.border{ border-color:rgb(82, 239, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 239, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 239, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 239, 121);  
box-shadow:4px 4px 4px 4px rgb(82, 239,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 178.6050, -28.3993, -84.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 239, 121) }
```

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

```
.background{ background-color: rgb(82, 239,  
121) }
```

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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