

Converting Colors

YUV(178.2320, -52.8654,
-77.3795)

Have a look what the booklet for
YUV(178.2320, -52.8654, -77.3795)
contains.

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Color

**YUV(178.2320, -52.8654,
-77.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	5AF447
RGB	90, 244, 71
RGB Percent	35%, 96%, 28%
CMY	0.6471, 0.0431, 0.7216
CMYK	0.63, 0.00, 0.71, 0.04
HSL	113°, 89%, 62%
HSV	113°, 71%, 96%
XYZ	37.7045, 67.3300, 16.9700
YIQ	178.2320, -36.2510, -86.4510

Conversions

Conversions Part 2

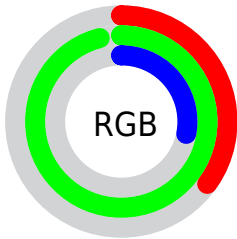
Format	Color
RYB	71, 244, 225
Decimal	5960775
CIELab	85.67, -70.85, 67.66
CIELCh	86, 97.968, 136.318
Yxy	67.3300, 0.3090, 0.5519
Android (android.graphics.Color)	4284150855 (0xFF5AF447)
YUV	178.2320, -52.8654, -77.3795
Hunter-Lab	82.0548, -61.5746, 45.1765

Details

The YUV color **178.2320, -52.8654, -77.3795** 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 **136.7680, 52.8654, 77.3795**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9210, -40.8801, -48.1657**, and **109.1820, -53.8267, -95.7526** is the 20% darker color. If you saturate the color by 10%, you get **168.9180, -60.1056, -88.5051**, and if you desaturate by 10%, it is **187.5460, -45.6252, -66.2538**.

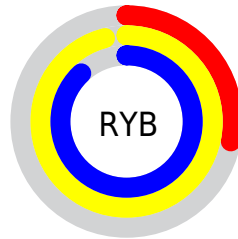
Distribution



Red (35%)

Green (96%)

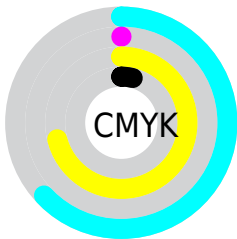
Blue (28%)



Red (28%)

Yellow (96%)

Blue (88%)

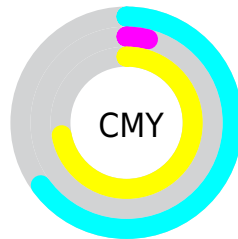


Cyan (63%)

Magenta (0%)

Yellow (71%)

Black (4%)



Cyan (65%)

Magenta (4%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2320, -52.8654, -77.3795 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 178.2320, -52.8654, -77.3795 by changing the saturation by 10% instead.

■ 178.2320,
-52.8654, -77.3795

■ 178.2320,
-52.8654, -77.3795

■ 255.0000, 0.0000,
0.0000

■ 145.6010,
-52.5543, -83.8421

■ 210.9210,
-40.8801, -48.1657

■ 109.1820,
-53.8267, -95.7526

■ 223.4960,
-32.7825, -32.0070

■ 92.7460, -45.7238,
-81.3382

■ 235.9570,
-25.1218, -15.7483

■ 76.8970, -37.9102,
-67.4387

■ 248.5320,
-17.0243, 0.4104

■ 61.6350, -30.3861,
-54.0539

■ 253.7460, -4.8048,
1.0998

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,

-28.3139

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 178.2320,
-52.8654, -77.3795

■ 178.2320,
-52.8654, -77.3795

■ 168.9180,
-60.1056, -88.5051

■ 187.5460,
-45.6252, -66.2538

■ 159.7890,
-67.9300, -98.9160

■ 196.6750,
-37.8008, -55.8430

■ 151.3010,
-74.5914, -109.0120

■ 205.9890,
-30.5606, -44.7174

■ 215.4170,
-22.8836, -33.6917

■ 224.7310,
-15.6434, -22.5661

■ 233.7460, -8.2558,
-12.0552

■ 243.1740, -0.5788,
-1.0296

■ 248.5430, 3.1833,
5.6628

Harmonies

Analogous

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



194.5660, -95.9210, 12.6586



178.2320, -52.8654, -77.3795



167.5490, -0.2707, -146.9405

Triad

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



178.2320, -52.8654, -77.3795



168.1890, 42.7978, -147.5018



162.9020, 2.5133, 80.7699

Complementary

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



178.2320, -52.8654, -77.3795



136.7680, 52.8654, 77.3795

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.



175.7550, 39.0678, 69.4979



178.2320, -52.8654, -77.3795



181.3650, 36.3021, -70.4801

Square

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



178.2320, -52.8654, -77.3795



176.9940, 38.4570, -155.2237



201.5830, 26.3346, 46.8467



174.7030, -46.1956, 70.4205

Rectangle

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



178.2320, -52.8654, -77.3795



176.1330, 27.5424, -154.4686



201.5830, 26.3346, 46.8467



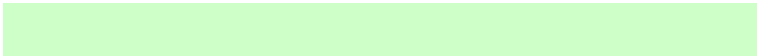
163.5010, 17.5010, 80.2446

Sweetspot

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



178.2320, -52.8654, -77.3795



234.4920, -16.5116, -24.1105



212.5380, -69.7782, 27.5922



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.



178.2320, -52.8654, -77.3795



172.5550, -66.3356, -96.9567



180.0750, -21.2360, -95.6588



117.6420, -3.7675, -4.9480



115.1620, -56.7749, -83.4571



36.4270, -17.9585, -26.6845

Inverse Universe

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



136.7680, 52.8654, 77.3795



120.4450, 66.3356, 96.9567



134.9250, 21.2360, 95.6588



114.6570, 3.6201, 5.5628



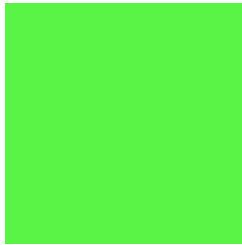
70.8380, 56.7749, 83.4571



22.2740, 18.1059, 26.0697

Previews

White Background



This preview shows how the YUV color 178.2320, -52.8654, -77.3795 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 178.2320, -52.8654, -77.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

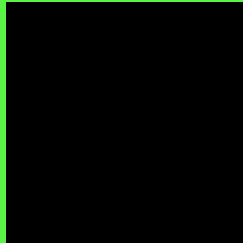
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

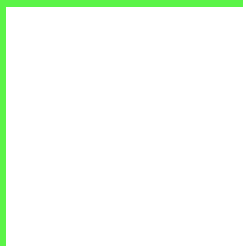
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.2320, -52.8654, -77.3795 Background



This preview shows how black text looks on a background with the YUV color 178.2320, -52.8654, -77.3795.



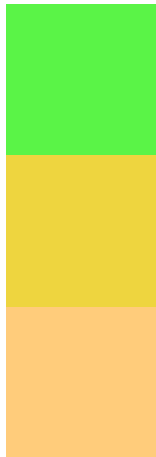
This preview shows how white text looks on a background with the YUV color 178.2320, -52.8654, -77.3795.

-77.3795.

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

178.2320, -52.8654, -77.3795

Protanopia

203.3750, -69.2049, 30.3661

Deuteranopia

210.0150, -42.8984, 39.4518



Tritanopia

200.7500, 22.3083, -62.0478

Trichromacy



Original Color

178.2320, -52.8654, -77.3795



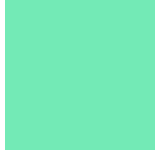
Protanomaly

194.0280, -63.1178, -8.7946



Deuteranomaly

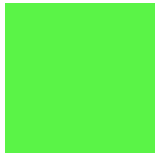
198.7140, -46.6940, -3.2572



Tritanomaly

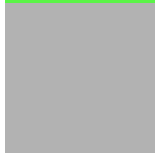
192.4910, -5.1721, -67.9596

Monochromacy



Original Color

178.2320, -52.8654, -77.3795



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0740, -19.2635, -28.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2320, -52.8654, -77.3795 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(90, 244, 71)` looks like.

```
.text, #text, p{  
    color:rgb(90, 244, 71)  
}
```

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(90, 244, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 244, 71) }
```

Border

The CSS property to change the border of an element to YUV 178.2320, -52.8654, -77.3795 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(90, 244, 71) }
```


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

```
.border{ border-color:rgb(90, 244, 71) }
```

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

Here you see how a box with a 4 pixel rgb(90, 244, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 244, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 244, 71);  
box-shadow:4px 4px 4px 4px rgb(90, 244,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 178.2320, -52.8654, -77.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 244, 71) }
```

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

```
.background{ background-color: rgb(90, 244,  
71) }
```

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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