

Converting Colors

YUV(177.8570, -27.0445,
-52.4946)

Have a look what the booklet for
YUV(177.8570, -27.0445, -52.4946)
contains.

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Color

**YUV(177.8570, -27.0445,
-52.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	76DB7B
RGB	118, 219, 123
RGB Percent	46%, 86%, 48%
CMY	0.5373, 0.1412, 0.5176
CMYK	0.46, 0.00, 0.44, 0.14
HSL	123°, 58%, 66%
HSV	123°, 46%, 86%
XYZ	36.3779, 55.9446, 27.6200
YIQ	177.8570, -29.3800, -51.2680

Conversions

Conversions Part 2

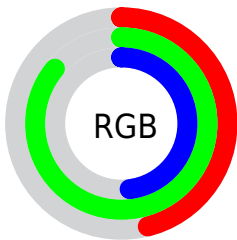
Format	Color
RYB	118, 214, 219
Decimal	7789435
CIELab	79.58, -48.97, 38.19
CIELCh	80, 62.101, 142.048
Yxy	55.9446, 0.3033, 0.4664
Android (android.graphics.Color)	4285979515 (0xFF76DB7B)
YUV	177.8570, -27.0445, -52.4946
Hunter-Lab	74.7962, -44.0780, 30.4633

Details

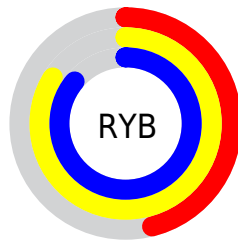
The YUV color **177.8570, -27.0445, -52.4946** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **159.1430, 27.0445, 52.4946**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1880, -22.2777, -41.3839**, and **121.5300, -24.4183, -54.8388** is the 20% darker color. If you saturate the color by 10%, you get **168.8850, -32.9743, -63.9201**, and if you desaturate by 10%, it is **186.8290, -21.1147, -41.0690**.

Distribution



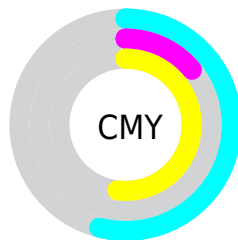
- Red (46%)
- Green (86%)
- Blue (48%)



- Red (46%)
- Yellow (84%)
- Blue (86%)



- Cyan (46%)
- Magenta (0%)
- Yellow (44%)
- Black (14%)



- Cyan (54%)
- Magenta (14%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8570, -27.0445, -52.4946 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 177.8570, -27.0445, -52.4946 by changing the saturation by 10% instead.

■ 177.8570,
-27.0445, -52.4946

■ 177.8570,
-27.0445, -52.4946

255.0000, 0.0000,
0.0000

■ 149.7860,
-26.0235, -53.3093

■ 222.1880,
-22.2777, -41.3839

■ 121.5300,
-24.4183, -54.8388

■ 234.0510,
-14.3221, -26.3547

■ 91.7680, -22.0706,
-61.1865

■ 246.2130, -6.5140,
-10.7108

■ 67.0780, -22.2235,
-58.8274

■ 49.8950, -24.5982,
-43.7579

■ 35.2200, -17.3635,
-30.8879

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 177.8570,
-27.0445, -52.4946

■ 177.8570,
-27.0445, -52.4946

■ 168.8850,
-32.9743, -63.9201

■ 186.8290,
-21.1147, -41.0690

■ 159.9130,
-38.9041, -75.3457

■ 195.8010,
-15.1849, -29.6435

■ 151.0550,
-44.3971, -86.8712


■ 204.6590, -9.6919,
-18.1179


■ 142.0830,
-50.3269, -98.2968


■ 213.6310, -3.7621,
-6.6924

■ 133.4100,
-56.4041, -109.1076

■ 222.6030, 2.1677,
4.7332

 129.8070,
-58.5719, -113.8407

 231.2760, 8.2449,
15.5439

 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



187.2970, -50.9254, 0.6165



177.8570, -27.0445, -52.4946



152.4810, 13.0739, -133.7258

Triad

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



177.8570, -27.0445, -52.4946



151.1660, 51.1902, -132.5726



181.6060, -12.1308, 64.3665

Complementary

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



177.8570, -27.0445, -52.4946



159.1430, 27.0445, 52.4946

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.



187.6310, 13.4929, 59.0826



177.8570, -27.0445, -52.4946



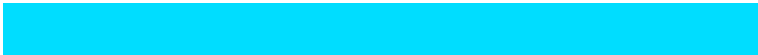
191.7510, 31.1818, -14.6906

Square

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



177.8570, -27.0445, -52.4946



158.7970, 47.4281, -139.2650



201.5720, 26.3400, 45.1024



186.4720, -39.1797, 60.0991

Rectangle

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



177.8570, -27.0445, -52.4946



157.7420, 30.6932, -138.3397



201.5720, 26.3400, 45.1024



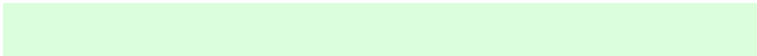
182.5980, -3.2528, 63.4966

Sweetspot

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



177.8570, -27.0445, -52.4946



240.3600, -9.5445, -18.7327



206.5890, -43.6744, 8.2534



119.0280, -5.9298, -11.4256



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.



177.8570, -27.0445, -52.4946



197.9780, -37.4572, -72.7717



183.4430, -5.6414, -57.3935



105.4570, -3.1833, -5.6628



102.5770, -46.1335, -89.9600



27.2300, -12.4384, -23.8807

Inverse Universe

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



159.1430, 27.0445, 52.4946



172.0220, 37.4572, 72.7717



153.5570, 5.6414, 57.3935



103.4290, 2.7465, 5.7628



70.5370, 46.5703, 89.8601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 177.8570, -27.0445, -52.4946 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 177.8570, -27.0445, -52.4946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

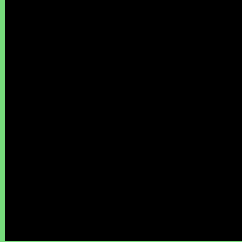
Any Text WCAG AA ✓ Pass

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 177.8570, -27.0445, -52.4946 Background



This preview shows how black text looks on a background with the YUV color 177.8570, -27.0445, -52.4946.



This preview shows how white text looks on a background with the YUV color 177.8570, -27.0445, -52.4946.

-52.4946.

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

177.8570, -27.0445, -52.4946

Protanopia

192.3330, -38.6182, 19.8790

Deuteranopia

194.8540, -31.9730, 35.2080



Tritanopia

188.6060, 17.4492, -43.5045

Trichromacy



Original Color

177.8570, -27.0445, -52.4946



Protanomaly

186.9060, -34.4637, -6.0566



Deuteranomaly

188.6990, -30.4176, 2.8950



Tritanomaly

184.3440, 1.3094, -46.7827

Monochromacy



Original Color

177.8570, -27.0445, -52.4946



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.9470, -9.8339, -19.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8570, -27.0445, -52.4946 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(118, 219, 123)` looks like.

```
.text, #text, p{  
    color:rgb(118, 219, 123)  
}
```

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(118, 219, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 219, 123) }
```

Border

The CSS property to change the border of an element to YUV 177.8570, -27.0445, -52.4946 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(118, 219, 123) }
```


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

```
.border{ border-color:rgb(118, 219, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 219, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 219, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 219, 123);  
box-shadow:4px 4px 4px 4px rgb(118, 219,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 177.8570, -27.0445, -52.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 219, 123) }
```

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

```
.background{ background-color: rgb(118,  
219, 123) }
```

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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