

Converting Colors

YUV(177.0890, -25.6799,
-70.2381)

Have a look what the booklet for
YUV(177.0890, -25.6799, -70.2381)
contains.

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Color

**YUV(177.0890, -25.6799,
-70.2381)**

Conversions

Conversions Part 1

Format	Color
Hex	61E47D
RGB	97, 228, 125
RGB Percent	38%, 89%, 49%
CMY	0.6196, 0.1059, 0.5098
CMYK	0.57, 0.00, 0.45, 0.11
HSL	133°, 71%, 64%
HSV	133°, 57%, 89%
XYZ	36.3748, 59.5089, 28.9712
YIQ	177.0890, -45.0130, -59.8050

Conversions

Conversions Part 2

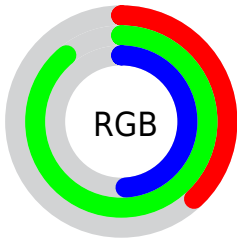
Format	Color
RYB	97, 205, 228
Decimal	6415485
CIELab	81.57, -57.55, 39.59
CIELCh	82, 69.850, 145.475
Yxy	59.5089, 0.2913, 0.4766
Android (android.graphics.Color)	4284605565 (0xFF61E47D)
YUV	177.0890, -25.6799, -70.2381
Hunter-Lab	77.1420, -50.8302, 31.7326

Details

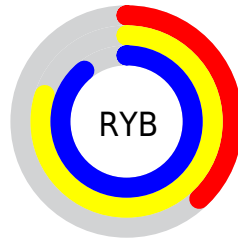
The YUV color **177.0890, -25.6799, -70.2381** is a light color, and the websafe version is hex **33CC66**. A complement of this color would be **147.9110, 25.6799, 70.2381**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0340, -18.7508, -52.6498**, and **114.4940, -19.9635, -83.7482** is the 20% darker color. If you saturate the color by 10%, you get **168.1600, -30.1519, -82.5783**, and if you desaturate by 10%, it is **186.0180, -21.2079, -57.8978**.

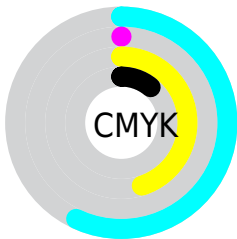
Distribution



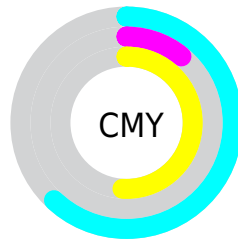
- Red (38%)
- Green (89%)
- Blue (49%)



- Red (38%)
- Yellow (80%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0890, -25.6799, -70.2381 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 177.0890, -25.6799, -70.2381 by changing the saturation by 10% instead.

177.0890,
-25.6799, -70.2381

177.0890,
-25.6799, -70.2381

255.0000, 0.0000,
0.0000

147.2350,
-23.7799, -72.9971

217.0340,
-18.7508, -52.6498

114.4940,
-19.9635, -83.7482

229.1960,
-10.9426, -37.0059

90.1140, -20.2692,
-79.0300

241.3580, -3.1345,
-21.3620

71.3010, -23.8124,
-62.5310

252.6080, 1.1793,
-4.9182

54.0040, -26.6240,
-47.3615

39.3290, -19.3892,
-34.4915

25.8280, -12.7332,

-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 177.0890,
-25.6799, -70.2381

■ 177.0890,
-25.6799, -70.2381

■ 168.1600,
-30.1519, -82.5783

■ 186.0180,
-21.2079, -57.8978

■ 159.2310,
-34.6239, -94.9186

■ 194.9470,
-16.7359, -45.5575

■ 150.6010,
-39.2433, -106.6441

■ 203.5770,
-12.1165, -33.8320

■ 141.6720,
-43.7153, -118.9843

■ 212.5060, -7.6445,
-21.4918

■ 139.4220,
-44.5780, -122.2731

■ 221.4350, -3.1725,
-9.1515

■ 230.3640, 1.2995,
3.1888

■ 238.5810, 5.6296,
14.3995

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



190.0590, -56.7241, -6.1907



177.0890, -25.6799, -70.2381



159.0180, 15.2741, -139.4588

Triad

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



177.0890, -25.6799, -70.2381



154.1010, 49.7432, -135.1466



180.2210, -14.8990, 65.5812

Complementary

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



177.0890, -25.6799, -70.2381



147.9110, 25.6799, 70.2381

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.



185.2830, 14.6505, 61.1418



177.0890, -25.6799, -70.2381



196.8120, 28.6867, -7.7281

Square

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



177.0890, -25.6799, -70.2381



162.9060, 45.4023, -142.8686



200.4090, 26.9134, 47.8763



187.4520, -45.5788, 59.2396

Rectangle

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



177.0890, -25.6799, -70.2381



164.8490, 35.0774, -144.5726



200.4090, 26.9134, 47.8763



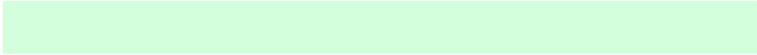
180.2670, -4.5686, 65.5408

Sweetspot

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



177.0890, -25.6799, -70.2381



238.2670, -8.5126, -23.0362



205.2920, -53.3880, -2.8871



117.8320, -5.3402, -13.8847



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.



177.0890, -25.6799, -70.2381



186.6440, -34.3345, -94.4038



184.3850, 2.2752, -76.6366



110.3860, -2.1623, -6.4775



109.4050, -35.2027, -95.9482



31.1910, -9.9542, -27.3545

Inverse Universe

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



147.9110, 25.6799, 70.2381



147.3560, 34.3345, 94.4038



140.6150, -2.2752, 76.6366



107.6140, 2.1623, 6.4775



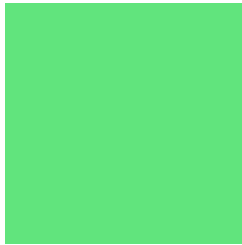
69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 177.0890, -25.6799, -70.2381 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 177.0890, -25.6799, -70.2381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

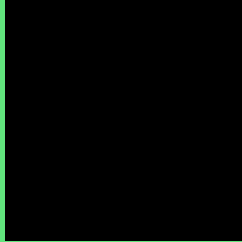
Any Text WCAG AA ✓ Pass

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 177.0890, -25.6799, -70.2381 Background



This preview shows how black text looks on a background with the YUV color 177.0890, -25.6799, -70.2381.



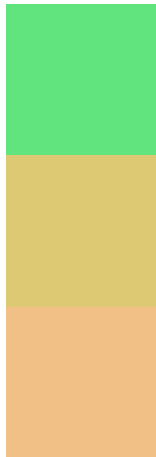
This preview shows how white text looks on a background with the YUV color 177.0890, -25.6799, -70.2381.

-70.2381.

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

177.0890, -25.6799, -70.2381

Protanopia

197.1760, -40.5128, 20.8936

Deuteranopia

200.0390, -32.5572, 35.9228



Tritanopia

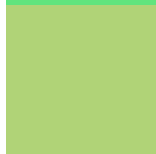
190.7290, 20.8396, -57.6443

Trichromacy



Original Color

177.0890, -25.6799, -70.2381



Protanomaly

190.0470, -35.0262, -12.3192



Deuteranomaly

191.7800, -29.9645, -2.4381



Tritanomaly

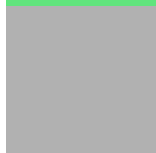
185.6410, 4.1210, -61.9522

Monochromacy



Original Color

177.0890, -25.6799, -70.2381



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

177.3160, -9.5228, -25.7101

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0890, -25.6799, -70.2381 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(97, 228, 125)` looks like.

```
.text, #text, p{  
    color:rgb(97, 228, 125)  
}
```

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(97, 228, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 228, 125) }
```

Border

The CSS property to change the border of an element to YUV 177.0890, -25.6799, -70.2381 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(97, 228, 125) }
```


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

```
.border{ border-color:rgb(97, 228, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 228, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 228, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 228, 125);  
box-shadow:4px 4px 4px 4px rgb(97, 228,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 177.0890, -25.6799, -70.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 228, 125) }
```

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

```
.background{ background-color: rgb(97, 228,  
125) }
```

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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