

Converting Colors

YUV(173.1970, -26.2261,
-81.7338)

Have a look what the booklet for
YUV(173.1970, -26.2261, -81.7338)
contains.

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Color

**YUV(173.1970, -26.2261,
-81.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	50E778
RGB	80, 231, 120
RGB Percent	31%, 91%, 47%
CMY	0.6863, 0.0941, 0.5294
CMYK	0.65, 0.00, 0.48, 0.09
HSL	136°, 76%, 61%
HSV	136°, 65%, 91%
XYZ	35.2743, 60.2134, 27.5325
YIQ	173.1970, -54.3650, -66.5330

Conversions

Conversions Part 2

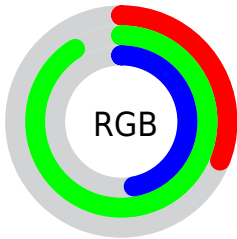
Format	Color
RYB	80, 199, 231
Decimal	5302136
CIELab	81.95, -62.90, 42.42
CIELCh	82, 75.864, 146.007
Yxy	60.2134, 0.2867, 0.4895
Android (android.graphics.Color)	4283492216 (0xFF50E778)
YUV	173.1970, -26.2261, -81.7338
Hunter-Lab	77.5973, -54.6523, 33.2812

Details

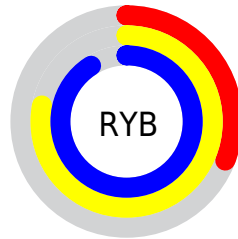
The YUV color **173.1970, -26.2261, -81.7338** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **137.8030, 26.2261, 81.7338**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5770, -19.0185, -60.1420**, and **110.0040, -20.2150, -96.4735** is the 20% darker color. If you saturate the color by 10%, you get **164.3820, -30.2613, -94.1740**, and if you desaturate by 10%, it is **182.0120, -22.1909, -69.2935**.

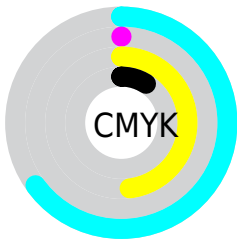
Distribution



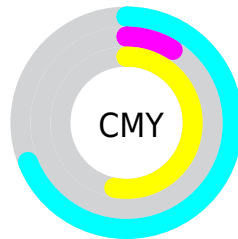
- Red (31%)
- Green (91%)
- Blue (47%)



- Red (31%)
- Yellow (78%)
- Blue (91%)



- Cyan (65%)
- Magenta (0%)
- Yellow (48%)
- Black (9%)



- Cyan (69%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1970, -26.2261, -81.7338 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 173.1970, -26.2261, -81.7338 by changing the saturation by 10% instead.

■ 173.1970,
-26.2261, -81.7338

■ 173.1970,
-26.2261, -81.7338

■ 255.0000, 0.0000,
0.0000

■ 140.9510,
-23.1468, -89.4110

■ 212.5770,
-19.0185, -60.1420

■ 110.0040,
-20.2150, -96.4735

■ 225.0380,
-11.3577, -43.8833

■ 91.1910, -23.7582,
-79.9745

■ 237.2000, -3.5496,
-28.2394

■ 72.1500, -28.1749,
-63.2755

■ 249.3190, 2.8007,
-11.6808

■ 55.1780, -27.2028,
-48.3911

■ 39.9160, -19.6786,
-35.0063

■ 26.4150, -13.0226,

-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 173.1970,
-26.2261, -81.7338

■ 173.1970,
-26.2261, -81.7338

■ 164.3820,
-30.2613, -94.1740

■ 182.0120,
-22.1909, -69.2935

■ 155.5670,
-34.2965, -106.6143


■ 190.8270,
-18.1557, -56.8533

■ 146.7520,
-38.3317, -119.0545


■ 199.6420,
-14.1205, -44.4130


■ 142.5510,
-40.2046, -125.0172

■ 208.4570,
-10.0853, -31.9728

 217.5710, -6.1975,
-18.9178

 226.3860, -2.1623,
-6.4775

 235.2010, 1.8729,
5.9627

 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



188.9680, -62.1022, -7.8649



173.1970, -26.2261, -81.7338



161.0070, 15.2795, -141.2031

Triad

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



173.1970, -26.2261, -81.7338



155.2750, 49.1644, -136.1762



176.8300, -15.1992, 68.5551

Complementary

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



173.1970, -26.2261, -81.7338



137.8030, 26.2261, 81.7338

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.



181.2880, 17.1130, 64.6454



173.1970, -26.2261, -81.7338



195.9260, 29.1235, -7.8281

Square

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



173.1970, -26.2261, -81.7338



164.6670, 44.5342, -144.4130



198.0610, 28.0709, 49.9355



185.1380, -49.3680, 61.2690

Rectangle

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



173.1970, -26.2261, -81.7338



167.1800, 36.3933, -146.6169



198.0610, 28.0709, 49.9355



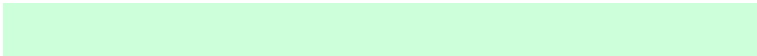
176.5170, -3.7059, 68.8296

Sweetspot

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



173.1970, -26.2261, -81.7338



235.5330, -8.6438, -27.6544



202.4240, -60.3550, -8.2648



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.



173.1970, -26.2261, -81.7338



178.8550, -34.4385, -107.7438



181.5190, 5.6601, -89.0322



110.3860, -2.1623, -6.4775



110.4310, -31.2715, -96.8480



31.5330, -8.6438, -27.6544

Inverse Universe

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



137.8030, 26.2261, 81.7338



132.1450, 34.4385, 107.7438



129.4810, -5.6601, 89.0322



107.6140, 2.1623, 6.4775



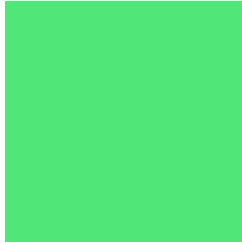
68.4550, 30.8347, 96.9480



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 173.1970, -26.2261, -81.7338 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 173.1970, -26.2261, -81.7338 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 173.1970, -26.2261, -81.7338 Background



This preview shows how black text looks on a background with the YUV color 173.1970, -26.2261, -81.7338.



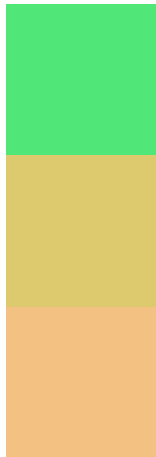
This preview shows how white text looks on a background with the YUV color 173.1970, -26.2261, -81.7338.

-81.7338.

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

173.1970, -26.2261, -81.7338

Protanopia

197.4920, -43.1336, 21.4935

Deuteranopia

200.6540, -35.3254, 37.1374



Tritanopia

189.2550, 23.0453, -65.1216

Trichromacy



Original Color

173.1970, -26.2261, -81.7338



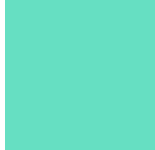
Protanomaly

188.8570, -36.9045, -16.5376



Deuteranomaly

190.8890, -31.9903, -6.0417



Tritanomaly

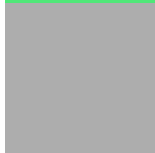
183.5150, 5.1691, -71.4887

Monochromacy



Original Color

173.1970, -26.2261, -81.7338



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.9950, -9.3645, -29.8136

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1970, -26.2261, -81.7338 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(80, 231, 120)` looks like.

```
.text, #text, p{  
    color:rgb(80, 231, 120)  
}
```

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(80, 231, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 231, 120) }
```

Border

The CSS property to change the border of an element to YUV 173.1970, -26.2261, -81.7338 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(80, 231, 120) }
```


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

```
.border{ border-color:rgb(80, 231, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 231, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 231, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 231, 120);  
box-shadow:4px 4px 4px 4px rgb(80, 231,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 173.1970, -26.2261, -81.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 231, 120) }
```

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

```
.background{ background-color: rgb(80, 231,  
120) }
```

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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