

Converting Colors

YUV(177.8970, -31.0082,
-41.1287)

Have a look what the booklet for
YUV(177.8970, -31.0082, -41.1287)
contains.

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Color

**YUV(177.8970, -31.0082,
-41.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	83D673
RGB	131, 214, 115
RGB Percent	51%, 84%, 45%
CMY	0.4863, 0.1608, 0.5490
CMYK	0.39, 0.00, 0.46, 0.16
HSL	110°, 55%, 65%
HSV	110°, 46%, 84%
XYZ	36.5012, 54.1562, 24.7490
YIQ	177.8970, -17.6890, -48.3850

Conversions

Conversions Part 2

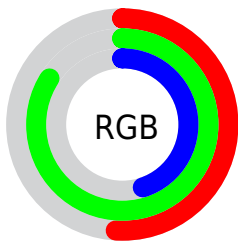
Format	Color
RYB	115, 214, 198
Decimal	8640115
CIELab	78.55, -44.12, 40.96
CIElCh	79, 60.206, 137.124
Yxy	54.1562, 0.3163, 0.4693
Android (android.graphics.Color)	4286830195 (0xFF83D673)
YUV	177.8970, -31.0082, -41.1287
Hunter-Lab	73.5909, -40.2480, 31.5741

Details

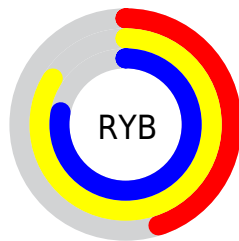
The YUV color **177.8970, -31.0082, -41.1287** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **151.1030, 31.0082, 41.1287**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.7500, -27.9778, -33.1067**, and **123.3530, -29.2610, -41.5286** is the 20% darker color. If you saturate the color by 10%, you get **170.1210, -37.5277, -50.0951**, and if you desaturate by 10%, it is **185.6730, -24.4888, -32.1622**.

Distribution



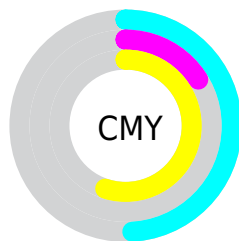
- Red (51%)
- Green (84%)
- Blue (45%)



- Red (45%)
- Yellow (84%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (46%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8970, -31.0082, -41.1287 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 177.8970, -31.0082, -41.1287 by changing the saturation by 10% instead.

■ 177.8970,
-31.0082, -41.1287

■ 177.8970,
-31.0082, -41.1287

255.0000, 0.0000,
0.0000

■ 150.1250,
-30.1346, -41.3286

■ 224.7500,
-27.9778, -33.1067

■ 123.3530,
-29.2610, -41.5286

■ 236.6130,
-20.0222, -18.0776

■ 95.6840, -27.9452,
-43.5729

■ 248.8890,
-11.7773, -2.5337

■ 65.2700, -26.7551,
-51.9798

254.8860, -0.4368,
0.1000

■ 47.5470, -23.4407,
-41.6987

■ 33.4590, -16.4953,
-29.3435

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 177.8970,
-31.0082, -41.1287

■ 177.8970,
-31.0082, -41.1287

■ 170.1210,
-37.5277, -50.0951

■ 185.6730,
-24.4888, -32.1622

■ 162.2310,
-44.4839, -58.9616

■ 193.5630,
-17.5326, -23.2958

■ 154.4550,
-51.0033, -67.9280

■ 201.3390,
-11.0131, -14.3293

■ 146.5650,
-57.9595, -76.7945

■ 209.2290, -4.0569,
-5.4628

■ 138.7890,
-64.4790, -85.7610

■ 217.0050, 2.4625,
3.5036

■ 136.0830,
-67.0889, -88.6498

■ 224.7810, 8.9820,
12.4701

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



185.6400, -51.0945, 8.2087



177.8970, -31.0082, -41.1287



148.8790, 9.4267, -130.5669

Triad

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



177.8970, -31.0082, -41.1287



150.5790, 51.4796, -132.0578



181.2300, -8.4944, 64.6963

Complementary

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



177.8970, -31.0082, -41.1287



151.1030, 31.0082, 41.1287

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.



188.9020, 15.8243, 57.9679



177.8970, -31.0082, -41.1287



186.6570, 33.6931, -26.8862

Square

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



177.8970, -31.0082, -41.1287



157.0360, 48.2963, -137.7206



198.5600, 27.8249, 35.4659



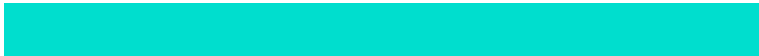
184.3350, -34.6752, 61.9732

Rectangle

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



177.8970, -31.0082, -41.1287



153.7980, 25.7356, -134.8808



198.5600, 27.8249, 35.4659



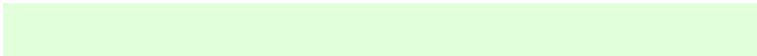
182.8090, 0.0942, 63.3115

Sweetspot

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



177.8970, -31.0082, -41.1287



241.9260, -11.3025, -14.8441



193.3220, -38.6127, 18.1346



119.8110, -6.8088, -9.4812



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.



177.8970, -31.0082, -41.1287



202.8180, -44.7733, -59.4764



176.8750, -14.2354, -54.2644



103.0550, -3.4781, -4.4332



108.7490, -53.6133, -70.8169



27.3340, -13.4757, -17.8329

Inverse Universe

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



151.1030, 31.0082, 41.1287



164.1820, 44.7733, 59.4764



152.1250, 14.2354, 54.2644



99.9450, 3.4781, 4.4332



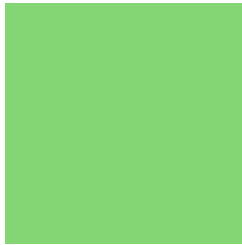
62.2510, 53.6133, 70.8169



15.6660, 13.4757, 17.8329

Previews

White Background



This preview shows how the YUV color 177.8970, -31.0082, -41.1287 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 177.8970, -31.0082, -41.1287 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 177.8970, -31.0082, -41.1287 Background



This preview shows how black text looks on a background with the YUV color 177.8970, -31.0082, -41.1287.



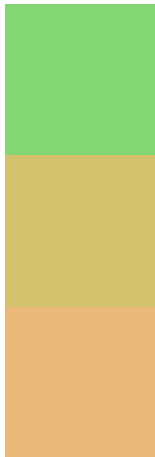
This preview shows how white text looks on a background with the YUV color 177.8970, -31.0082, -41.1287.

-41.1287.

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

177.8970, -31.0082, -41.1287

Protanopia

188.9910, -39.9286, 20.1789

Deuteranopia

192.1700, -34.5938, 35.8079



Tritanopia

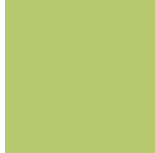
188.2760, 14.6539, -33.5681

Trichromacy



Original Color

177.8970, -31.0082, -41.1287



Protanomaly

185.3580, -36.6585, -2.0680



Deuteranomaly

187.2220, -33.6334, 7.6983



Tritanomaly

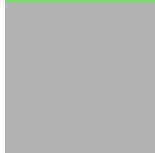
184.3130, -1.6333, -36.2315

Monochromacy



Original Color

177.8970, -31.0082, -41.1287



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.9260, -11.3025, -14.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8970, -31.0082, -41.1287 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(131, 214, 115)` looks like.

```
.text, #text, p{  
    color:rgb(131, 214, 115)  
}
```

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(131, 214, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 214, 115) }
```

Border

The CSS property to change the border of an element to YUV 177.8970, -31.0082, -41.1287 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(131, 214, 115) }
```


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

```
.border{ border-color:rgb(131, 214, 115) }
```

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

Here you see how a box with a 4 pixel rgb(131, 214, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 214, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 214, 115);  
box-shadow:4px 4px 4px 4px rgb(131, 214,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 177.8970, -31.0082, -41.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 214, 115) }
```

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

```
.background{ background-color: rgb(131,  
214, 115) }
```

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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