

Converting Colors

YUV(181.0070, -17.7515,
-46.4871)

Have a look what the booklet for
YUV(181.0070, -17.7515, -46.4871)
contains.

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Color

**YUV(181.0070, -17.7515,
-46.4871)**

Conversions

Conversions Part 1

Format	Color
Hex	80D791
RGB	128, 215, 145
RGB Percent	50%, 84%, 57%
CMY	0.4980, 0.1569, 0.4314
CMYK	0.40, 0.00, 0.33, 0.16
HSL	132°, 52%, 67%
HSV	132°, 40%, 84%
XYZ	38.3134, 55.2344, 35.4300
YIQ	181.0070, -29.3820, -40.2140

Conversions

Conversions Part 2

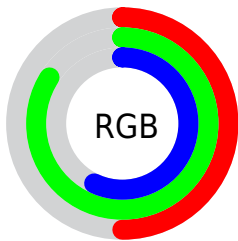
Format	Color
RYB	128, 201, 215
Decimal	8443793
CIELab	79.18, -40.89, 26.53
CIELCh	79, 48.744, 147.020
Yxy	55.2344, 0.2971, 0.4282
Android (android.graphics.Color)	4286633873 (0xFF80D791)
YUV	181.0070, -17.7515, -46.4871
Hunter-Lab	74.3199, -38.0394, 23.7589

Details

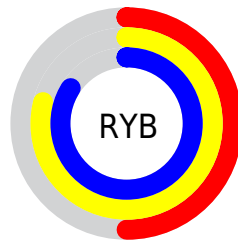
The YUV color **181.0070, -17.7515, -46.4871** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **161.9930, 17.7515, 46.4871**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3870, -13.9948, -38.0504**, and **126.4630, -16.0043, -46.8871** is the 20% darker color. If you saturate the color by 10%, you get **172.7900, -22.0815, -57.6978**, and if you desaturate by 10%, it is **189.5230, -13.5688, -34.6617**.

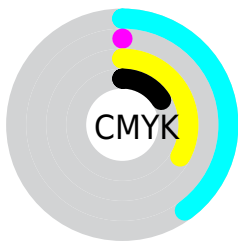
Distribution



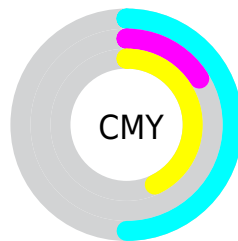
- Red (50%)
- Green (84%)
- Blue (57%)



- Red (50%)
- Yellow (79%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.0070, -17.7515, -46.4871 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 181.0070, -17.7515, -46.4871 by changing the saturation by 10% instead.

■ 181.0070,
-17.7515, -46.4871

■ 181.0070,
-17.7515, -46.4871

255.0000, 0.0000,
0.0000

■ 153.5340,
-17.0253, -46.0723

■ 227.3870,
-13.9948, -38.0504

■ 126.4630,
-16.0043, -46.8871

■ 239.2500, -6.0393,
-23.0212

■ 99.2070, -14.3991,
-48.4165

■ 251.1130, 1.9163,
-7.9921

■ 68.9500, -11.3143,
-57.8381

■ 50.8700, -13.2469,
-44.6130

■ 34.0460, -16.7847,
-29.8583

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 181.0070,
-17.7515, -46.4871

■ 181.0070,
-17.7515, -46.4871

■ 172.7900,
-22.0815, -57.6978

■ 189.5230,
-13.5688, -34.6617

■ 164.1600,
-26.7009, -69.4233

■ 197.8540, -8.8020,
-23.5510

■ 155.6440,
-30.8835, -81.2488

■ 206.3700, -4.6194,
-11.7255

■ 147.4270,
-35.2135, -92.4595

■ 214.5870, -0.2894,
-0.5148

■ 138.9110,
-39.3961, -104.2849

■ 223.1030, 3.8932,
11.3107

■ 130.9930,
-43.8735, -114.8809

■ 230.8360, 8.9549,
21.1918

■ 231.5200, 11.5756,
20.5920

Harmonies

Analogous

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



188.5210, -37.2319, -4.8419



181.0070, -17.7515, -46.4871



164.5650, 12.5395, -102.2275

Triad

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



181.0070, -17.7515, -46.4871



181.7300, 36.1221, -59.3992



189.8240, -16.1822, 57.1594

Complementary

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



181.0070, -17.7515, -46.4871



161.9930, 17.7515, 46.4871

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.



193.1930, 4.3419, 54.2047



181.0070, -17.7515, -46.4871



196.2580, 28.9598, -1.9803

Square

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



181.0070, -17.7515, -46.4871



154.1010, 49.7432, -135.1466



201.6980, 21.8409, 41.4839



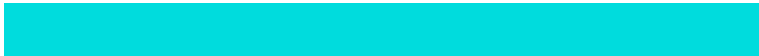
193.3510, -35.6690, 54.0662

Rectangle

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



181.0070, -17.7515, -46.4871



154.3340, 32.8663, -135.3509



201.6980, 21.8409, 41.4839



189.7730, -8.7621, 57.2041

Sweetspot

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



181.0070, -17.7515, -46.4871



242.8810, -6.3503, -16.5586



200.2980, -35.6429, -1.1383



120.9080, -3.8986, -9.5663



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.



181.0070, -17.7515, -46.4871



206.1110, -25.6907, -66.7493



185.7950, 0.5941, -50.6862



102.6850, -2.3097, -5.8627



104.1390, -35.0715, -91.3299



26.1530, -8.9494, -22.9362

Inverse Universe

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



161.9930, 17.7515, 46.4871



178.8890, 25.6907, 66.7493



157.2050, -0.5941, 50.6862



100.3150, 2.3097, 5.8627



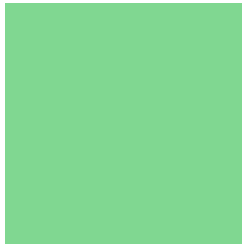
66.7470, 34.6347, 91.4299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 181.0070, -17.7515, -46.4871 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 181.0070, -17.7515, -46.4871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

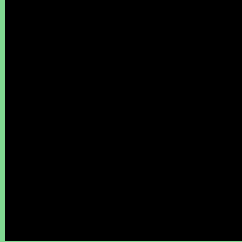
Any Text WCAG AA ✓ Pass

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 181.0070, -17.7515, -46.4871 Background



This preview shows how black text looks on a background with the YUV color 181.0070, -17.7515, -46.4871.



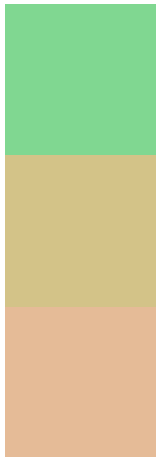
This preview shows how white text looks on a background with the YUV color 181.0070, -17.7515, -46.4871.

-46.4871.

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

181.0070, -17.7515, -46.4871

Protanopia

193.0580, -28.1296, 15.7351

Deuteranopia

195.4540, -21.9158, 29.4198



Tritanopia

188.6990, 16.4174, -39.2010

Trichromacy



Original Color

181.0070, -17.7515, -46.4871

Protanomaly

188.5390, -24.4227, -6.6117

Deuteranomaly

190.0330, -20.2293, 1.7251

Tritanomaly

186.0610, 3.9139, -42.1495

Monochromacy



Original Color

181.0070, -17.7515, -46.4871

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8810, -6.3503, -16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0070, -17.7515, -46.4871 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(128, 215, 145)` looks like.

```
.text, #text, p{  
    color:rgb(128, 215, 145)  
}
```

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(128, 215, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 215, 145) }
```

Border

The CSS property to change the border of an element to YUV 181.0070, -17.7515, -46.4871 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(128, 215, 145) }
```


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

```
.border{ border-color:rgb(128, 215, 145) }
```

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

Here you see how a box with a 4 pixel rgb(128, 215, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 215, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 215, 145);  
box-shadow:4px 4px 4px 4px rgb(128, 215,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 181.0070, -17.7515, -46.4871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 215, 145) }
```

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

```
.background{ background-color: rgb(128,  
215, 145) }
```

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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