

Converting Colors

YUV(180.0910, -25.1879,
-41.2988)

Have a look what the booklet for
YUV(180.0910, -25.1879, -41.2988)
contains.

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Color

**YUV(180.0910, -25.1879,
-41.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	85D681
RGB	133, 214, 129
RGB Percent	52%, 84%, 51%
CMY	0.4784, 0.1608, 0.4941
CMYK	0.38, 0.00, 0.40, 0.16
HSL	117°, 51%, 67%
HSV	117°, 40%, 84%
XYZ	37.6819, 54.6647, 29.3342
YIQ	180.0910, -20.9910, -43.6070

Conversions

Conversions Part 2

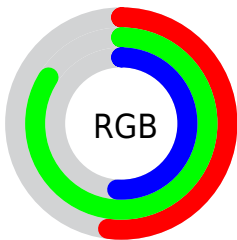
Format	Color
RYB	129, 214, 210
Decimal	8771201
CIELab	78.85, -41.51, 34.36
CIElCh	79, 53.889, 140.388
Yxy	54.6647, 0.3097, 0.4492
Android (android.graphics.Color)	4286961281 (0xFF85D681)
YUV	180.0910, -25.1879, -41.2988
Hunter-Lab	73.9356, -38.4132, 28.2314

Details

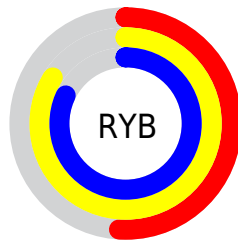
The YUV color **180.0910, -25.1879, -41.2988** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **162.9090, 25.1879, 41.2988**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0580, -21.7206, -33.3769**, and **125.5470, -23.4407, -41.6987** is the 20% darker color. If you saturate the color by 10%, you get **171.7170, -31.4125, -51.4948**, and if you desaturate by 10%, it is **188.4650, -18.9632, -31.1028**.

Distribution



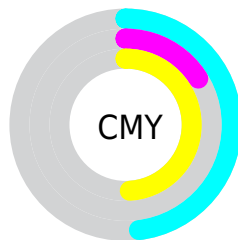
- Red (52%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (48%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.0910, -25.1879, -41.2988 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 180.0910, -25.1879, -41.2988 by changing the saturation by 10% instead.

■ 180.0910,
-25.1879, -41.2988

■ 180.0910,
-25.1879, -41.2988

255.0000, 0.0000,
0.0000

■ 152.6180,
-24.4617, -40.8840

■ 227.0580,
-21.7206, -33.3769

■ 125.5470,
-23.4407, -41.6987

■ 238.9210,
-13.7651, -18.3477

■ 98.5900, -21.9829,
-42.6134

■ 250.7840, -5.8095,
-3.3186

■ 70.4260, -19.9300,
-47.7316

■ 48.0030, -21.6935,
-42.0986

■ 33.4590, -16.4953,
-29.3435

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 180.0910,
-25.1879, -41.2988

■ 180.0910,
-25.1879, -41.2988

■ 171.7170,
-31.4125, -51.4948

■ 188.4650,
-18.9632, -31.1028

■ 162.9300,
-37.9265, -62.2056

■ 197.2520,
-12.4492, -20.3920

■ 154.5560,
-44.1511, -72.4016

■ 205.6260, -6.2246,
-10.1960

■ 145.7690,
-50.6651, -83.1124

■ 214.4130, 0.2894,
0.5148

■ 137.3950,
-56.8897, -93.3084

■ 222.7870, 6.5140,
10.7108

■ 129.0210,
-63.1144, -103.5044

■ 230.9330, 11.8650,
21.1068

■ 128.6080,
-63.4037, -104.0192

Harmonies

Analogous

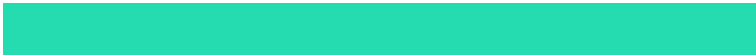
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187.4420, -44.0949, 3.1204



180.0910, -25.1879, -41.2988



160.3810, 8.1932, -108.2051

Triad

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



180.0910, -25.1879, -41.2988



167.3450, 43.2139, -94.1416



185.8120, -11.2463, 60.6779

Complementary

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



180.0910, -25.1879, -41.2988



162.9090, 25.1879, 41.2988

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.



191.6260, 11.0304, 55.5790



180.0910, -25.1879, -41.2988



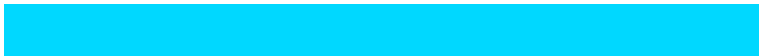
191.4520, 31.3292, -15.3054

Square

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



180.0910, -25.1879, -41.2988



155.8620, 48.8750, -136.6910



200.6310, 26.8039, 36.2806



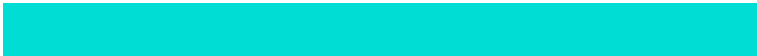
189.1280, -34.0801, 57.7697

Rectangle

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



180.0910, -25.1879, -41.2988



153.8950, 28.6458, -134.9659



200.6310, 26.8039, 36.2806



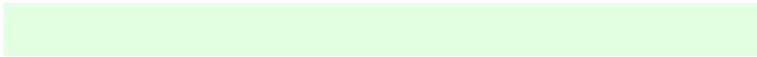
186.5760, -3.2420, 60.0078

Sweetspot

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



180.0910, -25.1879, -41.2988



242.7950, -9.2659, -14.7292



201.9620, -35.9703, 10.5573



120.5660, -5.2090, -9.2664



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.



180.0910, -25.1879, -41.2988



206.1090, -36.0427, -59.7316



183.2270, -7.9999, -47.5571



102.7560, -3.3307, -5.0480



102.7690, -50.6651, -83.1124



25.8390, -12.7386, -20.9068

Inverse Universe

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



162.9090, 25.1879, 41.2988



181.5920, 36.1901, 59.1168



159.7730, 7.9999, 47.5571



100.5430, 3.1833, 5.6628



68.2310, 50.6651, 83.1124



17.1610, 12.7386, 20.9068

Previews

White Background



This preview shows how the YUV color 180.0910, -25.1879, -41.2988 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 180.0910, -25.1879, -41.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

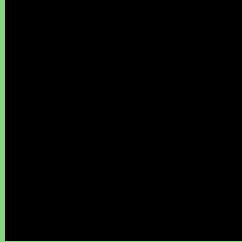
Any Text WCAG AA ✓ Pass

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 180.0910, -25.1879, -41.2988 Background



This preview shows how black text looks on a background with the YUV color 180.0910, -25.1879, -41.2988.



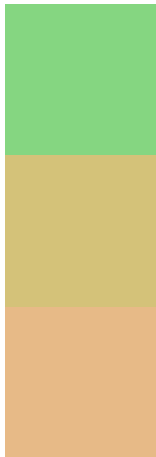
This preview shows how white text looks on a background with the YUV color 180.0910, -25.1879, -41.2988.

-41.2988.

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

180.0910, -25.1879, -41.2988

Protanopia

191.0600, -34.5396, 18.3644

Deuteranopia

193.6410, -28.9100, 32.7638



Tritanopia

189.0910, 15.2381, -34.2828

Trichromacy



Original Color

180.0910, -25.1879, -41.2988

Protanomaly

186.8400, -30.9801, -3.3677

Deuteranomaly

188.5190, -27.3709, 5.6838

Tritanomaly

185.8830, 0.5507, -36.7314

Monochromacy



Original Color

180.0910, -25.1879, -41.2988

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.7950, -9.2659, -14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.0910, -25.1879, -41.2988 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(133, 214, 129)` looks like.

```
.text, #text, p{  
    color:rgb(133, 214, 129)  
}
```

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(133, 214, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 214, 129) }
```

Border

The CSS property to change the border of an element to YUV 180.0910, -25.1879, -41.2988 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(133, 214, 129) }
```


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

```
.border{ border-color:rgb(133, 214, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 214, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 214, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 214, 129);  
box-shadow:4px 4px 4px 4px rgb(133, 214,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 180.0910, -25.1879, -41.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 214, 129) }
```

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

```
.background{ background-color: rgb(133,  
214, 129) }
```

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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