

Converting Colors

YUV(166.2120, -18.8385,
-71.2229)

Have a look what the booklet for
YUV(166.2120, -18.8385, -71.2229)
contains.

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Color

**YUV(166.2120, -18.8385,
-71.2229)**

Conversions

Conversions Part 1

Format	Color
Hex	55D780
RGB	85, 215, 128
RGB Percent	33%, 84%, 50%
CMY	0.6667, 0.1569, 0.4980
CMYK	0.60, 0.00, 0.40, 0.16
HSL	140°, 62%, 59%
HSV	140°, 60%, 84%
XYZ	31.9430, 52.0907, 28.7930
YIQ	166.2120, -49.5530, -54.6170

Conversions

Conversions Part 2

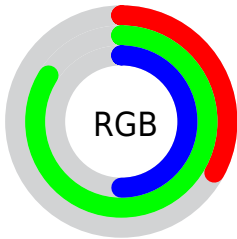
Format	Color
RYB	85, 183, 215
Decimal	5625728
CIELab	77.34, -54.68, 32.55
CIELCh	77, 63.632, 149.234
Yxy	52.0907, 0.2831, 0.4617
Android (android.graphics.Color)	4283815808 (0xFF55D780)
YUV	166.2120, -18.8385, -71.2229
Hunter-Lab	72.1739, -47.3030, 26.8686

Details

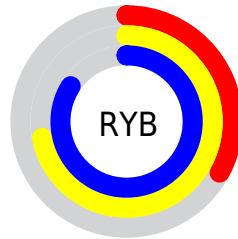
The YUV color **166.2120, -18.8385, -71.2229** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **133.7880, 18.8385, 71.2229**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7880, -15.6715, -60.3271**, and **102.1110, -12.3797, -89.5513** is the 20% darker color. If you saturate the color by 10%, you get **158.3370, -21.8581, -82.7335**, and if you desaturate by 10%, it is **174.3860, -15.9663, -59.0975**.

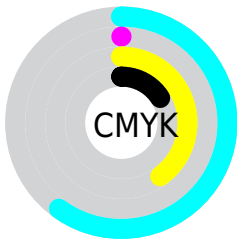
Distribution



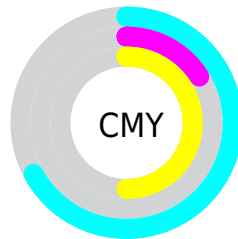
- Red (33%)
- Green (84%)
- Blue (50%)



- Red (33%)
- Yellow (72%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2120, -18.8385, -71.2229 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 166.2120, -18.8385, -71.2229 by changing the saturation by 10% instead.

■ 166.2120,
-18.8385, -71.2229

■ 166.2120,
-18.8385, -71.2229

■ 255.0000, 0.0000,
0.0000

■ 136.6460,
-17.0805, -75.1115

■ 213.7880,
-15.6715, -60.3271

■ 102.1110,
-12.3797, -89.5513

■ 225.9500, -7.8633,
-44.6831

■ 83.5260, -15.0493,
-73.2523

■ 238.1120, -0.0552,
-29.0392

■ 65.5280, -18.0083,
-57.4681

■ 249.0200, 2.9481,
-12.2955

■ 47.4160, -21.4041,
-41.5838

■ 32.8720, -16.2059,
-28.8287

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 166.2120,
-18.8385, -71.2229

■ 166.2120,
-18.8385, -71.2229

■ 158.3370,
-21.8581, -82.7335

■ 174.3860,
-15.9663, -59.0975

■ 150.0490,
-25.1672, -94.7590

■ 182.3750,
-12.5099, -47.6869

■ 142.1740,
-28.1868, -106.2696

■ 190.5490, -9.6377,
-35.5615

■ 134.2990,
-31.2064, -117.7802

■ 198.5380, -6.1812,
-24.1508

■ 206.7120, -3.3090,
-12.0254

■ 214.5870, -0.2894,
-0.5148

■ 222.8750, 3.0196,
11.5106

■ 230.1520, 6.3341,
21.7917

■ 231.5200, 11.5756,
20.5920

Harmonies

Analogous

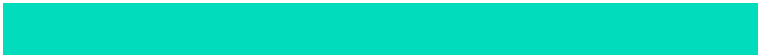
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.7300, -47.6879, -11.1642



166.2120, -18.8385, -71.2229



150.5720, 18.4520, -132.0516

Triad

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



166.2120, -18.8385, -71.2229



158.4520, 47.5982, -100.3744



176.9780, -19.7092, 68.4253

Complementary

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



166.2120, -18.8385, -71.2229



133.7880, 18.8385, 71.2229

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.



179.4810, 7.6509, 66.2302



166.2120, -18.8385, -71.2229



189.1920, 32.4433, 0.7086

Square

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



166.2120, -18.8385, -71.2229



153.5140, 50.0326, -134.6318



194.1970, 28.4969, 53.3242



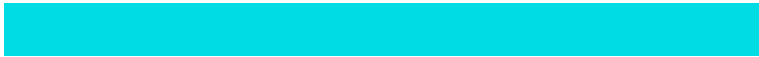
183.3600, -46.0265, 62.8283

Rectangle

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



166.2120, -18.8385, -71.2229



155.1320, 35.9239, -136.0508



194.1970, 28.4969, 53.3242



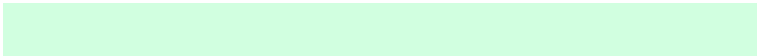
176.0950, -10.3998, 69.1997

Sweetspot

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



166.2120, -18.8385, -71.2229



237.7120, -6.7600, -25.1804



187.9210, -50.7401, -12.2087



117.1630, -4.0244, -15.9290



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.



166.2120, -18.8385, -71.2229



185.1360, -27.1820, -101.8513



173.3940, 8.6798, -77.5215



102.9130, -1.4361, -6.0627



106.8750, -24.5884, -93.7294



26.8370, -6.3286, -23.5360

Inverse Universe

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



133.7880, 18.8385, 71.2229



138.7500, 26.7452, 101.9513



126.6060, -8.6798, 77.5215



100.2010, 1.8729, 5.9627



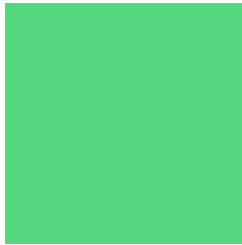
64.1250, 24.5884, 93.7294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 166.2120, -18.8385, -71.2229 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 166.2120, -18.8385, -71.2229 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 166.2120, -18.8385, -71.2229 Background



This preview shows how black text looks on a background with the YUV color 166.2120, -18.8385, -71.2229.



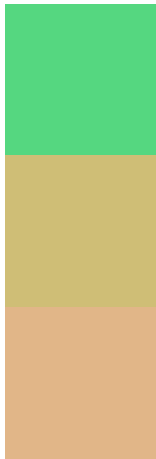
This preview shows how white text looks on a background with the YUV color 166.2120, -18.8385, -71.2229.

-71.2229.

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

166.2120, -18.8385, -71.2229

Protanopia

186.8750, -33.9554, 17.6496

Deuteranopia

189.6130, -26.4312, 31.0344



Tritanopia

178.4300, 20.9870, -58.2591

Trichromacy



Original Color

166.2120, -18.8385, -71.2229



Protanomaly

179.4580, -28.3268, -14.4337



Deuteranomaly

181.0660, -23.6965, -6.1969



Tritanomaly

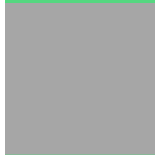
173.9120, 6.4524, -63.0668

Monochromacy



Original Color

166.2120, -18.8385, -71.2229



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.2990, -7.0494, -25.6952

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2120, -18.8385, -71.2229 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(85, 215, 128)` looks like.

```
.text, #text, p{  
    color:rgb(85, 215, 128)  
}
```

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(85, 215, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 215, 128) }
```

Border

The CSS property to change the border of an element to YUV 166.2120, -18.8385, -71.2229 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(85, 215, 128) }
```


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

```
.border{ border-color:rgb(85, 215, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 215, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 215, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 215, 128);  
box-shadow:4px 4px 4px 4px rgb(85, 215,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 166.2120, -18.8385, -71.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 215, 128) }
```

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

```
.background{ background-color: rgb(85, 215,  
128) }
```

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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