

Converting Colors

YUV(160.9930, -70.0025,
6.1451)

Have a look what the booklet for
YUV(160.9930, -70.0025, 6.1451)
contains.

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Color

**YUV(160.9930, -70.0025,
6.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B913
RGB	168, 185, 19
RGB Percent	66%, 73%, 7%
CMY	0.3412, 0.2745, 0.9255
CMYK	0.09, 0.00, 0.90, 0.27
HSL	66°, 81%, 40%
HSV	66°, 90%, 73%
XYZ	33.6150, 43.0698, 7.1577
YIQ	160.9930, 43.1540, -55.2300

Conversions

Conversions Part 2

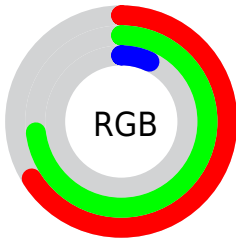
Format	Color
RYB	19, 185, 36
Decimal	11057427
CIELab	71.60, -24.00, 70.32
CIELCh	72, 74.305, 108.848
Yxy	43.0698, 0.4009, 0.5137
Android (android.graphics.Color)	4289247507 (0xFFA8B913)
YUV	160.9930, -70.0025, 6.1451
Hunter-Lab	65.6276, -23.4191, 39.4728

Details

The YUV color **160.9930, -70.0025, 6.1451** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **43.0070, 70.0025, -6.1451**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1440, -65.6400, 6.8897**, and **110.6730, -54.5618, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **158.2290, -78.0069, 6.8152**, and if you desaturate by 10%, it is **163.6430, -62.4350, 5.5751**.

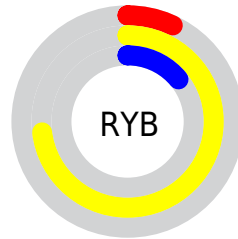
Distribution



Red (66%)

Green (73%)

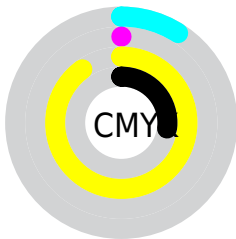
Blue (7%)



Red (7%)

Yellow (73%)

Blue (14%)

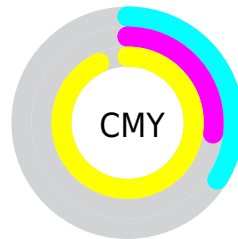


Cyan (9%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (34%)

Magenta (27%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.9930, -70.0025, 6.1451 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 160.9930, -70.0025, 6.1451 by changing the saturation by 10% instead.

■ 160.9930,
-70.0025, 6.1451

■ 160.9930,
-70.0025, 6.1451

■ 255.0000, 0.0000,
0.0000

■ 134.3070,
-66.2134, 4.1158

■ 219.1440,
-65.6400, 6.8897

■ 110.6730,
-54.5618, 0.2868

■ 238.9260,
-61.5885, 14.0969

■ 87.9250, -43.3470,
-3.4422

■ 242.1180,
-49.3582, 11.2975

■ 65.7640, -32.4217,
-7.6860

■ 245.4240,
-36.6910, 8.3982

■ 43.8910, -21.6383,
-13.0594

■ 248.7300,
-24.0239, 5.4988

■ 22.3060, -10.9969,
-19.5624

■ 252.0360,

■ 6.4570, -3.1833,

-11.3567, 2.5994

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 160.9930,
-70.0025, 6.1451

■ 160.9930,
-70.0025, 6.1451

■ 158.2290,
-78.0069, 6.8152

■ 163.6430,
-62.4350, 5.5751

■ 166.4070,
-54.4307, 4.9051

■ 169.0570,
-46.8631, 4.3350

■ 171.8210,
-38.8588, 3.6650

■ 174.1720,
-31.1438, 2.4802

■ 176.9360,
-23.1394, 1.8101

■ 179.5860,
-15.5719, 1.2401

■ 182.3500, -7.5676,
0.5700

■ 185.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



166.5030, -73.2120, 55.6869



160.9930, -70.0025, 6.1451



150.7500, -34.8798, -59.4168

Triad

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



160.9930, -70.0025, 6.1451



148.2310, 52.6371, -129.9986



164.6580, 19.3956, 79.2299

Complementary

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



160.9930, -70.0025, 6.1451



43.0070, 70.0025, -6.1451

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.



179.4440, 37.2491, 46.0916



160.9930, -70.0025, 6.1451



141.1870, 56.1098, -123.8210

Square

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



160.9930, -70.0025, 6.1451



146.2470, 34.8812, -128.2586



164.4630, 44.6347, -36.3631



156.3190, -10.0173, 86.5432

Rectangle

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



160.9930, -70.0025, 6.1451



133.8840, -4.8728, -117.4163



164.4630, 44.6347, -36.3631



171.2750, 26.9794, 73.4268

Sweetspot

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



160.9930, -70.0025, 6.1451



230.4970, -27.3600, 2.1951



78.6130, -29.3892, 93.3014



114.3580, -16.4455, 1.4400



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



160.9930, -70.0025, 6.1451



205.1650, -101.1463, 8.6253



136.1760, -57.7678, -44.8814



90.6750, -3.7838, 0.2850



133.4320, -65.7820, 5.7601



23.9110, -11.7881, 0.9551

Inverse Universe

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



43.0070, 70.0025, -6.1451



34.8350, 101.1463, -8.6253



67.8240, 57.7678, 44.8814



84.3250, 3.7838, -0.2850



22.5680, 65.7820, -5.7601



4.0890, 11.7881, -0.9551

Previews

White Background



This preview shows how the YUV color 160.9930, -70.0025, 6.1451 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 160.9930, -70.0025, 6.1451 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 160.9930, -70.0025, 6.1451 Background



This preview shows how black text looks on a background with the YUV color 160.9930, -70.0025, 6.1451.



This preview shows how white text looks on a background with the YUV color 160.9930, -70.0025,

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

160.9930, -70.0025, 6.1451

Protanopia

164.2240, -73.5674, 29.6216

Deuteranopia

167.5110, -65.3279, 46.9099



Tritanopia

176.2870, 4.7885, 4.1333

Trichromacy



Original Color

160.9930, -70.0025, 6.1451

Protanomaly

162.8100, -72.3773, 21.2146

Deuteranomaly

165.2550, -67.1737, 32.2254

Tritanomaly

170.7730, -22.5661, 4.5841

Monochromacy



Original Color

160.9930, -70.0025, 6.1451

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.2520, -25.7602, 2.4100

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.9930, -70.0025, 6.1451 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(168, 185, 19)` looks like.

```
.text, #text, p{  
    color:rgb(168, 185, 19)  
}
```

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(168, 185, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 185, 19) }
```

Border

The CSS property to change the border of an element to YUV 160.9930, -70.0025, 6.1451 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(168, 185, 19) }
```


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

```
.border{ border-color:rgb(168, 185, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 185, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 185, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 185, 19);  
box-shadow:4px 4px 4px 4px rgb(168, 185,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 160.9930, -70.0025, 6.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 185, 19) }
```

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

```
.background{ background-color: rgb(168,  
185, 19) }
```

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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