

Converting Colors

YUV(178.5360, -66.8192,
11.8079)

Have a look what the booklet for
YUV(178.5360, -66.8192, 11.8079)
contains.

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Color

**YUV(178.5360, -66.8192,
11.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C62B
RGB	192, 198, 43
RGB Percent	75%, 78%, 17%
CMY	0.2471, 0.2235, 0.8314
CMYK	0.03, 0.00, 0.78, 0.22
HSL	62°, 64%, 47%
HSV	62°, 78%, 78%
XYZ	42.3684, 51.7691, 10.0449
YIQ	178.5360, 46.1790, -49.4770

Conversions

Conversions Part 2

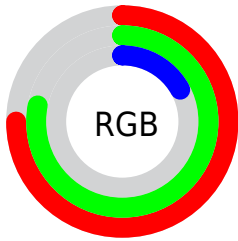
Format	Color
R _Y B	43, 198, 49
Decimal	12633643
CIE Lab	77.14, -19.53, 70.22
CIE LCh	77, 72.885, 105.541
Yxy	51.7691, 0.4067, 0.4969
Android (android.graphics.Color)	4290823723 (0xFFC0C62B)
YUV	178.5360, -66.8192, 11.8079
Hunter-Lab	71.9507, -20.8036, 42.0882

Details

The YUV color **178.5360, -66.8192, 11.8079** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **62.4640, 66.8192, -11.8079**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6610, -66.3879, 13.4523**, and **124.5940, -61.4248, 8.2491** is the 20% darker color. If you saturate the color by 10%, you get **175.9570, -75.4078, 13.1927**, and if you desaturate by 10%, it is **181.1150, -58.2307, 10.4231**.

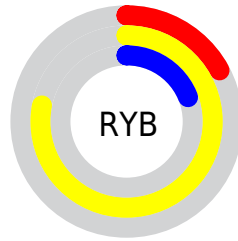
Distribution



Red (75%)

Green (78%)

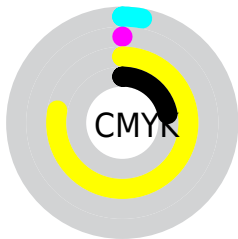
Blue (17%)



Red (17%)

Yellow (78%)

Blue (19%)

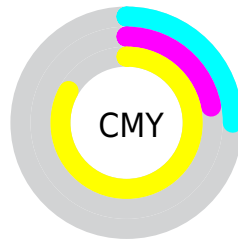


Cyan (3%)

Magenta (0%)

Yellow (78%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5360, -66.8192, 11.8079 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 178.5360, -66.8192, 11.8079 by changing the saturation by 10% instead.

■ 178.5360,
-66.8192, 11.8079

■ 178.5360,
-66.8192, 11.8079

■ 255.0000, 0.0000,
0.0000

■ 149.1140,
-73.5132, 12.1780

■ 236.6610,
-66.3879, 13.4523

■ 124.5940,
-61.4248, 8.2491

■ 240.8640,
-54.1630, 12.3973

■ 101.5470,
-50.0627, 3.9053

■ 244.0560,
-41.9326, 9.5979

■ 78.7990, -38.8479,
0.1763

■ 247.2480,
-29.7023, 6.7985

■ 57.2250, -28.2119,
-4.5823

■ 250.5540,
-17.0351, 3.8991

■ 35.9500, -17.7233,
-8.7261

■ 253.9740, -3.9312,

■ 17.0230, -8.3923,

0.8998

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 178.5360,
-66.8192, 11.8079

■ 178.5360,
-66.8192, 11.8079

■ 175.9570,
-75.4078, 13.1927

■ 181.1150,
-58.2307, 10.4231

■ 173.3780,
-83.9964, 14.5775

■ 183.6940,
-49.6421, 9.0384

■ 173.0360,
-85.3067, 14.8774

■ 185.8600,
-41.3430, 7.1388

■ 188.4390,
-32.7544, 5.7540

■ 191.0180,
-24.1659, 4.3692

■ 193.5970,
-15.5773, 2.9844

■ 195.8770, -6.8414,
0.9849

■ 198.3420, 1.3104,
-0.2999

■ 200.9210, 9.8989,
-1.6847

Harmonies

Analogous

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



183.6590, -66.3869, 59.9351



178.5360, -66.8192, 11.8079



169.0780, -38.9855, -49.1804

Triad

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



178.5360, -66.8192, 11.8079



157.6230, 48.0069, -138.2354



178.9060, 23.2173, 66.7344

Complementary

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



178.5360, -66.8192, 11.8079



62.4640, 66.8192, -11.8079

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.



192.6900, 30.7188, 40.6139



178.5360, -66.8192, 11.8079



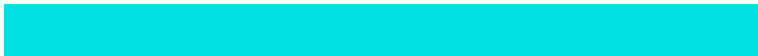
150.5790, 51.4796, -132.0578

Square

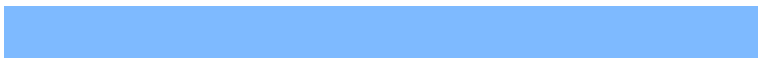
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



178.5360, -66.8192, 11.8079



156.5510, 33.7454, -137.2952



175.9260, 38.9835, -43.7851



168.8060, -5.3274, 75.5921

Rectangle

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



178.5360, -66.8192, 11.8079



143.6010, -5.7193, -125.9381



175.9260, 38.9835, -43.7851



185.5230, 30.8012, 60.9313

Sweetspot

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



178.5360, -66.8192, 11.8079



247.6760, -25.4763, 4.6691



92.2800, -24.2950, 92.7164



123.2980, -15.4299, 2.3697



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.



178.5360, -66.8192, 11.8079



224.9490, -103.5049, 18.4617



155.5130, -55.4689, -35.5299



97.9740, -3.9312, 0.8998



142.6240, -70.3136, 12.6078



31.2980, -15.4299, 2.3697

Inverse Universe

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



62.4640, 66.8192, -11.8079



45.3500, 103.3575, -17.8469



85.4870, 55.4689, 35.5299



91.0260, 3.9312, -0.8998



20.3760, 70.3136, -12.6078



4.4030, 15.5773, -2.9844

Previews

White Background



This preview shows how the YUV color 178.5360, -66.8192, 11.8079 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 178.5360, -66.8192, 11.8079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

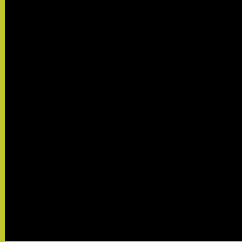
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.5360, -66.8192, 11.8079

Background



This preview shows how black text looks on a background with the YUV color 178.5360, -66.8192, 11.8079.



This preview shows how white text looks on a background with the YUV color 178.5360, -66.8192, 11.8079.

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

178.5360, -66.8192, 11.8079

Protanopia

180.7770, -68.9101, 29.1366

Deuteranopia

183.6360, -64.8965, 48.5542



Tritanopia

191.9890, 3.4564, 11.4106

Trichromacy



Original Color

178.5360, -66.8192, 11.8079

Protanomaly

180.2600, -68.1622, 22.5740

Deuteranomaly

181.7330, -65.4374, 35.3142

Tritanomaly

186.9310, -22.1510, 11.4615

Monochromacy



Original Color

178.5360, -66.8192, 11.8079

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.0180, -24.1659, 4.3692

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5360, -66.8192, 11.8079 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(192, 198, 43)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 43)  
}
```

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(192, 198, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 43) }
```

Border

The CSS property to change the border of an element to YUV 178.5360, -66.8192, 11.8079 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(192, 198, 43) }
```


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

```
.border{ border-color:rgb(192, 198, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 43);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 178.5360, -66.8192, 11.8079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 43) }
```

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

```
.background{ background-color: rgb(192,  
198, 43) }
```

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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