

Converting Colors

YUV(178.5190, -64.3459,
11.8228)

Have a look what the booklet for
YUV(178.5190, -64.3459, 11.8228)
contains.

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Color

**YUV(178.5190, -64.3459,
11.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C530
RGB	192, 197, 48
RGB Percent	75%, 77%, 19%
CMY	0.2471, 0.2275, 0.8118
CMYK	0.03, 0.00, 0.76, 0.23
HSL	62°, 61%, 48%
HSV	62°, 76%, 77%
XYZ	42.2380, 51.3524, 10.4821
YIQ	178.5190, 44.8490, -47.3990

Conversions

Conversions Part 2

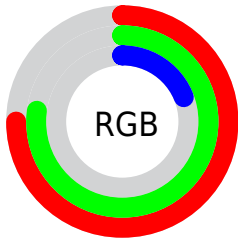
Format	Color
R _Y B	48, 197, 53
Decimal	12633392
CIE Lab	76.89, -18.84, 68.50
CIE LCh	77, 71.040, 105.379
Yxy	51.3524, 0.4059, 0.4934
Android (android.graphics.Color)	4290823472 (0xFFC0C530)
YUV	178.5190, -64.3459, 11.8228
Hunter-Lab	71.6606, -20.1950, 41.4898

Details

The YUV color **178.5190, -64.3459, 11.8228** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **66.4810, 64.3459, -11.8228**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6440, -63.9145, 13.4672**, and **124.3060, -61.2829, 9.3786** is the 20% darker color. If you saturate the color by 10%, you get **175.9400, -72.9344, 13.2076**, and if you desaturate by 10%, it is **181.0980, -55.7573, 10.4381**.

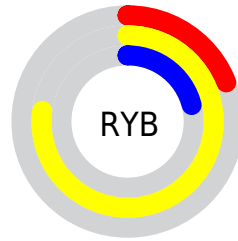
Distribution



Red (75%)

Green (77%)

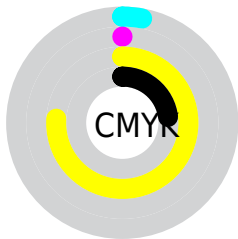
Blue (19%)



Red (19%)

Yellow (77%)

Blue (21%)

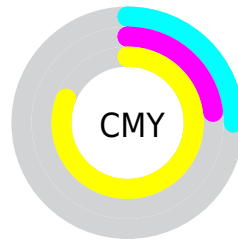


Cyan (3%)

Magenta (0%)

Yellow (76%)

Black (23%)



Cyan (25%)


Magenta (23%)


Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5190, -64.3459, 11.8228 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 178.5190, -64.3459, 11.8228 by changing the saturation by 10% instead.


 178.5190,
-64.3459, 11.8228


 178.5190,
-64.3459, 11.8228


255.0000, 0.0000,
0.0000

 148.9830,
-71.4766, 12.2929


 235.6440,
-63.9145, 13.4672


 124.3060,
-61.2829, 9.3786


 241.2060,
-52.8526, 12.0973


 101.2590,
-49.9207, 5.0349


 244.3980,
-40.6222, 9.2980

 78.5110, -38.7059,
1.3059

 247.7040,
-27.9551, 6.3986

 56.9370, -28.0699,
-3.4527

 251.0100,
-15.2879, 3.4992

 36.2490, -17.8708,
-8.1114

 254.3160, -2.6208,

 16.4360, -8.1029,

0.5999

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 178.5190,
-64.3459, 11.8228

■ 178.5190,
-64.3459, 11.8228

■ 175.9400,
-72.9344, 13.2076

■ 181.0980,
-55.7573, 10.4381

■ 173.7740,
-81.2336, 15.1072

■ 183.2640,
-47.4582, 8.5385

■ 172.4490,
-85.0174, 15.3922

■ 185.8430,
-38.8696, 7.1537

■ 188.4220,
-30.2810, 5.7689

■ 190.7020,
-21.5451, 3.7693

■ 193.1670,
-13.3933, 2.4845

■ 195.7460, -4.8048,
1.0998

■ 198.0260, 3.9312,
-0.8998

■ 200.4910, 12.0829,
-2.1846

Harmonies

Analogous

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



183.8160, -64.4923, 58.9204



178.5190, -64.3459, 11.8228



169.6160, -38.2647, -47.0212

Triad

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



178.5190, -64.3459, 11.8228



157.0360, 48.2963, -137.7206



179.9660, 22.2018, 65.8048

Complementary

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



178.5190, -64.3459, 11.8228



66.4810, 64.3459, -11.8228

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.



192.3800, 30.8717, 38.2547



178.5190, -64.3459, 11.8228



149.9920, 51.7689, -131.5430

Square

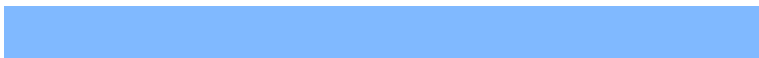
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



178.5190, -64.3459, 11.8228



155.1490, 33.4505, -136.0657



175.9370, 38.9781, -42.0407



170.0940, -5.4693, 74.4626

Rectangle

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



178.5190, -64.3459, 11.8228



142.4270, -5.1405, -124.9085



175.9370, 38.9781, -42.0407



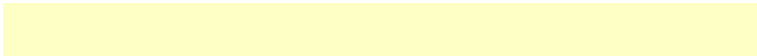
186.4690, 29.3488, 60.1017

Sweetspot

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



178.5190, -64.3459, 11.8228



247.6760, -25.4763, 4.6691



95.4860, -23.4106, 89.0278



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.



178.5190, -64.3459, 11.8228



226.1600, -100.1579, 18.2767



156.3930, -53.4377, -33.6707



97.9740, -3.9312, 0.8998



142.9230, -70.4610, 13.2225



31.5970, -15.5773, 2.9844

Inverse Universe

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



66.4810, 64.3459, -11.8228



51.8400, 100.1579, -18.2767



88.6070, 53.4377, 33.6707



91.0260, 3.9312, -0.8998



20.0770, 70.4610, -13.2225



4.4030, 15.5773, -2.9844

Previews

White Background



This preview shows how the YUV color 178.5190, -64.3459, 11.8228 looks on a white background.

Color Contrast Check

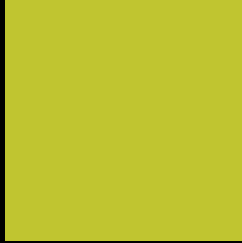
Large Text (above 18pt) WCAG AA × Fail

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 178.5190, -64.3459, 11.8228 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 178.5190, -64.3459, 11.8228

Background



This preview shows how black text looks on a background with the YUV color 178.5190, -64.3459, 11.8228.



This preview shows how white text looks on a background with the YUV color 178.5190, -64.3459, 11.8228.

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

178.5190, -64.3459, 11.8228

Protanopia

180.4610, -66.2893, 28.5367

Deuteranopia

183.2060, -62.7126, 48.0543



Tritanopia

191.8750, 3.0196, 11.5106

Trichromacy



Original Color

178.5190, -64.3459, 11.8228

Protanomaly

179.9440, -65.5414, 21.9741

Deuteranomaly

181.3030, -63.2534, 34.8143

Tritanomaly

187.0450, -21.7142, 11.3615

Monochromacy



Original Color

178.5190, -64.3459, 11.8228

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1320, -23.7291, 4.2692

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5190, -64.3459, 11.8228 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, 197, 48)` looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 48)  
}
```

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, 197, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 48) }
```

Border

The CSS property to change the border of an element to YUV 178.5190, -64.3459, 11.8228 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, 197, 48) }
```


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

```
.border{ border-color:rgb(192, 197, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 197, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 48);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 178.5190, -64.3459, 11.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 48) }
```

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

```
.background{ background-color: rgb(192,  
197, 48) }
```

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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