

Converting Colors

YUV(171.4750, -64.3242,
4.8454)

Have a look what the booklet for
YUV(171.4750, -64.3242, 4.8454)
contains.

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Color

**YUV(171.4750, -64.3242,
4.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C229
RGB	177, 194, 41
RGB Percent	69%, 76%, 16%
CMY	0.3059, 0.2392, 0.8392
CMYK	0.09, 0.00, 0.79, 0.24
HSL	67°, 65%, 46%
HSV	67°, 79%, 76%
XYZ	37.8235, 48.0908, 9.3868
YIQ	171.4750, 38.9810, -51.1870

Conversions

Conversions Part 2

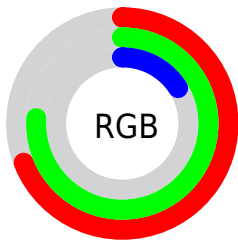
Format	Color
R _Y B	41, 194, 58
Decimal	11649577
CIE Lab	74.88, -23.96, 68.34
CIE LCh	75, 72.421, 109.322
Yxy	48.0908, 0.3969, 0.5046
Android (android.graphics.Color)	4289839657 (0xFFB1C229)
YUV	171.4750, -64.3242, 4.8454
Hunter-Lab	69.3475, -24.0008, 40.5179

Details

The YUV color **171.4750, -64.3242, 4.8454** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **63.5250, 64.3242, -4.8454**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7140, -63.4560, 6.3898**, and **118.6470, -58.4930, 1.1866** is the 20% darker color. If you saturate the color by 10%, you get **168.7110, -72.3285, 5.5155**, and if you desaturate by 10%, it is **174.2390, -56.3198, 4.1754**.

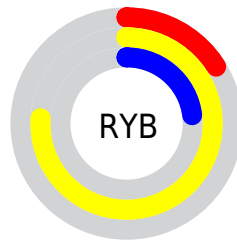
Distribution



Red (69%)

Green (76%)

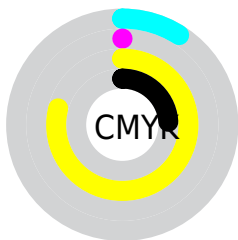
Blue (16%)



Red (16%)

Yellow (76%)

Blue (23%)

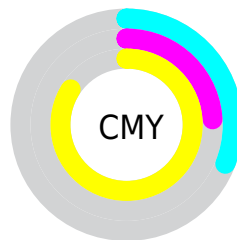


Cyan (9%)

Magenta (0%)

Yellow (79%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4750, -64.3242, 4.8454 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 171.4750, -64.3242, 4.8454 by changing the saturation by 10% instead.

■ 171.4750,
-64.3242, 4.8454

■ 171.4750,
-64.3242, 4.8454

■ 255.0000, 0.0000,
0.0000

■ 142.2810,
-70.1445, 5.0156

■ 228.7140,
-63.4560, 6.3898

■ 118.6470,
-58.4930, 1.1866

■ 240.5220,
-55.4733, 12.6972

■ 95.3120, -46.9888,
-2.0276

■ 243.7140,
-43.2430, 9.8978

■ 72.5640, -35.7741,
-5.7566

■ 247.0200,
-30.5759, 6.9985

■ 50.6910, -24.9907,
-11.1300

■ 250.3260,
-17.9087, 4.0991

■ 29.4050, -14.4967,
-17.0182

■ 253.6320, -5.2416,

■ 15.2620, -7.5242,

1.1997

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 171.4750,
-64.3242, 4.8454

■ 171.4750,
-64.3242, 4.8454

■ 168.7110,
-72.3285, 5.5155

■ 174.2390,
-56.3198, 4.1754

■ 165.8330,
-80.7697, 6.2855

■ 177.1170,
-47.8787, 3.4054

■ 165.3060,
-81.4959, 5.8706

■ 179.8810,
-39.8743, 2.7354

■ 183.0580,
-31.5806, 2.5801

■ 185.8220,
-23.5762, 1.9101

■ 188.5860,
-15.5719, 1.2401

■ 191.4640, -7.1308,
0.4701

■ 194.2280, 0.8736,
-0.2000

■ 197.1060, 9.3147,
-0.9700

Harmonies

Analogous

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



177.1590, -68.1124, 53.3576



171.4750, -64.3242, 4.8454



160.6900, -33.8642, -58.4871

Triad

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



171.4750, -64.3242, 4.8454



152.9270, 50.3220, -134.1170



172.5000, 18.9805, 72.3525

Complementary

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



171.4750, -64.3242, 4.8454



63.5250, 64.3242, -4.8454

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.



187.4180, 33.3179, 46.9914



171.4750, -64.3242, 4.8454



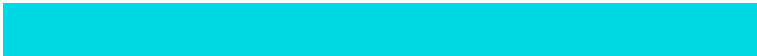
145.8830, 53.7947, -127.9394

Square

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



171.4750, -64.3242, 4.8454



152.6700, 36.6447, -133.8916



174.5300, 39.6717, -31.1598



164.8620, -10.2850, 79.0510

Rectangle

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



171.4750, -64.3242, 4.8454



140.4210, -2.6726, -123.1492



174.5300, 39.6717, -31.1598



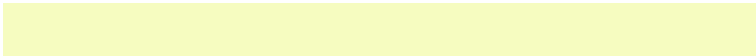
179.1170, 26.5643, 66.5494

Sweetspot

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



171.4750, -64.3242, 4.8454



243.3660, -25.3234, 2.3100



95.5520, -26.8941, 86.3389



122.2870, -15.4245, 0.6253



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.



171.4750, -64.3242, 4.8454



216.9800, -100.5621, 7.9105



149.0500, -53.2687, -41.2629



95.5610, -4.2206, 0.3850



137.2640, -67.6712, 5.0305



28.0420, -13.8247, 0.8402

Inverse Universe

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



63.5250, 64.3242, -4.8454



48.0200, 100.5621, -7.9105



85.9500, 53.2687, 41.2629



88.4390, 4.2206, -0.3850



23.7360, 67.6712, -5.0305



4.9580, 13.8247, -0.8402

Previews

White Background



This preview shows how the YUV color 171.4750, -64.3242, 4.8454 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 171.4750, -64.3242, 4.8454 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 171.4750, -64.3242, 4.8454 Background



This preview shows how black text looks on a background with the YUV color 171.4750, -64.3242, 4.8454.



This preview shows how white text looks on a background with the YUV color 171.4750, -64.3242, 4.8454.

4.8454.

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

171.4750, -64.3242, 4.8454

Protanopia

174.3470, -66.7261, 28.6367

Deuteranopia

177.6080, -62.4177, 46.8248



Tritanopia

185.5860, 4.6411, 4.7481

Trichromacy



Original Color

171.4750, -64.3242, 4.8454

Protanomaly

173.5200, -65.8254, 19.7150

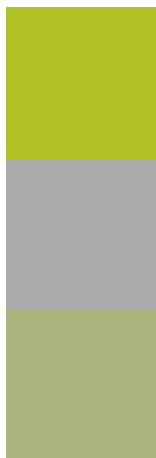
Deuteranomaly

175.2810, -63.2425, 31.3256

Tritanomaly

180.6420, -20.5295, 4.6990

Monochromacy



Original Color

171.4750, -64.3242, 4.8454

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9360, -23.1394, 1.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4750, -64.3242, 4.8454 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(177, 194, 41)` looks like.

```
.text, #text, p{  
    color:rgb(177, 194, 41)  
}
```

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(177, 194, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 194, 41) }
```

Border

The CSS property to change the border of an element to YUV 171.4750, -64.3242, 4.8454 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(177, 194, 41) }
```


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

```
.border{ border-color:rgb(177, 194, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 194, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 194, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 194, 41);  
box-shadow:4px 4px 4px 4px rgb(177, 194,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 171.4750, -64.3242, 4.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 194, 41) }
```

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

```
.background{ background-color: rgb(177,  
194, 41) }
```

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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