

Converting Colors

YUV(177.3510, -49.4730,
1.4462)

Have a look what the booklet for
YUV(177.3510, -49.4730, 1.4462)
contains.

YUV(177.3510, -49.4730, 1.4462)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(177.3510, -49.4730,
1.4462)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C44D
RGB	179, 196, 77
RGB Percent	70%, 77%, 30%
CMY	0.2980, 0.2314, 0.6980
CMYK	0.09, 0.00, 0.61, 0.23
HSL	69°, 50%, 54%
HSV	69°, 61%, 77%
XYZ	39.6699, 49.5994, 14.5040
YIQ	177.3510, 28.0670, -40.6130

Conversions

Conversions Part 2

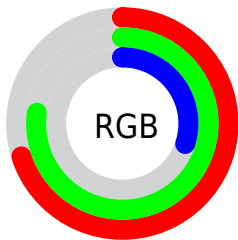
Format	Color
RYB	77, 196, 94
Decimal	11781197
CIELab	75.82, -22.13, 56.17
CIELCh	76, 60.374, 111.500
Yxy	49.5994, 0.3823, 0.4780
Android (android.graphics.Color)	4289971277 (0xFFB3C44D)
YUV	177.3510, -49.4730, 1.4462
Hunter-Lab	70.4268, -22.7018, 37.0884

Details

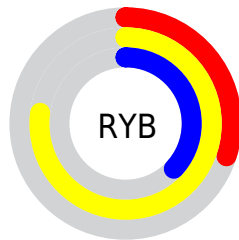
The YUV color **177.3510, -49.4730, 1.4462** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **95.6490, 49.4730, -1.4462**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3080, -50.9308, 2.3609**, and **122.1830, -51.3622, 0.7165** is the 20% darker color. If you saturate the color by 10%, you get **174.1740, -57.7668, 1.6014**, and if you desaturate by 10%, it is **180.5280, -41.1793, 1.2909**.

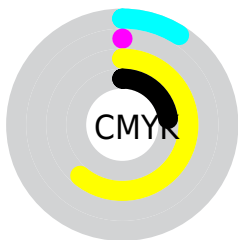
Distribution



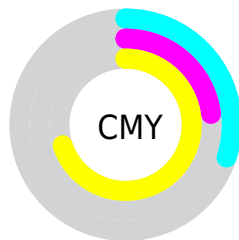
- Red (70%)
- Green (77%)
- Blue (30%)



- Red (30%)
- Yellow (77%)
- Blue (37%)



- Cyan (9%)
- Magenta (0%)
- Yellow (61%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.3510, -49.4730, 1.4462 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 177.3510, -49.4730, 1.4462 by changing the saturation by 10% instead.

■ 177.3510,
-49.4730, 1.4462

■ 177.3510,
-49.4730, 1.4462

■ 255.0000, 0.0000,
0.0000

■ 150.0520,
-49.3256, 0.8314

■ 234.3080,
-50.9308, 2.3609

■ 122.1830,
-51.3622, 0.7165

■ 243.9420,
-42.3694, 9.6979

■ 97.3830, -48.0098,
-1.2129

■ 247.1340,
-30.1391, 6.8985

■ 74.9340, -36.9425,
-4.3271

■ 250.3260,
-17.9087, 4.0991

■ 53.6590, -26.4539,
-8.4709

■ 253.6320, -5.2416,
1.1997

■ 32.0850, -15.8179,
-13.2295

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 177.3510,
-49.4730, 1.4462

■ 177.3510,
-49.4730, 1.4462

■ 174.1740,
-57.7668, 1.6014

■ 180.5280,
-41.1793, 1.2909

■ 171.1110,
-65.6237, 1.6567

■ 183.5910,
-33.3224, 1.2357

■ 168.2330,
-74.0649, 2.4267

■ 186.4690,
-24.8812, 0.4657

■ 165.2840,
-81.4850, 2.3819

■ 189.5320,
-17.0243, 0.4104

■ 192.7090, -8.7305,
0.2552

■ 195.8860, -0.4368,
0.1000

■ 198.9490, 7.4201,
0.0447

■ 201.8270, 15.8613,
-0.7253

■ 204.8900, 23.7182,
-0.7805

Harmonies

Analogous

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



182.0620, -54.2606, 43.7956



177.3510, -49.4730, 1.4462



168.6940, -26.4711, -49.7206

Triad

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



177.3510, -49.4730, 1.4462



151.7530, 50.9008, -133.0874



181.7950, 11.4401, 64.2008

Complementary

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



177.3510, -49.4730, 1.4462



95.6490, 49.4730, -1.4462

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.



192.4020, 30.8608, 41.7434



177.3510, -49.4730, 1.4462



145.2960, 54.0841, -127.4246

Square

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



177.3510, -49.4730, 1.4462



151.3820, 36.7867, -132.7620



182.8800, 35.5552, -17.4348



175.9980, -13.3100, 69.2848

Rectangle

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



177.3510, -49.4730, 1.4462



149.6170, 0.1888, -107.5351



182.8800, 35.5552, -17.4348



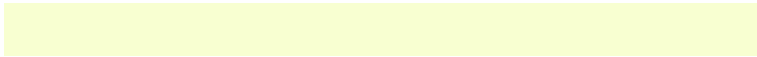
186.3090, 18.5817, 60.2420

Sweetspot

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



177.3510, -49.4730, 1.4462



247.6630, -19.0609, 0.2955



121.9730, -22.1717, 64.9217



123.1990, -11.9301, -0.1745



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.



177.3510, -49.4730, 1.4462



225.7230, -77.2644, 1.9969



160.0090, -40.9234, -34.2109



95.5610, -4.2206, 0.3850



135.7690, -66.9341, 1.9566



27.7430, -13.6773, 0.2254

Inverse Universe

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



95.6490, 49.4730, -1.4462



97.9780, 77.4118, -2.6117



112.9910, 40.9234, 34.2109



88.7380, 4.0732, 0.2298



25.2310, 66.9341, -1.9566



5.2570, 13.6773, -0.2254

Previews

White Background



This preview shows how the YUV color 177.3510, -49.4730, 1.4462 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 177.3510, -49.4730, 1.4462 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 177.3510, -49.4730, 1.4462

Background



This preview shows how black text looks on a background with the YUV color 177.3510, -49.4730, 1.4462.



This preview shows how white text looks on a background with the YUV color 177.3510, -49.4730, 1.4462.

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

177.3510, -49.4730, 1.4462

Protanopia

180.3970, -52.4537, 24.2078

Deuteranopia

182.3160, -49.4558, 42.6959



Tritanopia

187.9880, 4.9359, 3.5185

Trichromacy



Original Color

177.3510, -49.4730, 1.4462

Protanomaly

178.9830, -51.2636, 15.8009

Deuteranomaly

180.5160, -49.5544, 27.6115

Tritanomaly

183.8250, -14.7037, 2.7845

Monochromacy



Original Color

177.3510, -49.4730, 1.4462

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.3040, -17.8979, 0.6104

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.3510, -49.4730, 1.4462 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(179, 196, 77)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 77)  
}
```

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(179, 196, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 77) }
```

Border

The CSS property to change the border of an element to YUV 177.3510, -49.4730, 1.4462 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(179, 196, 77) }
```


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

```
.border{ border-color:rgb(179, 196, 77) }
```

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

Here you see how a box with a 4 pixel rgb(179, 196, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 77);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 177.3510, -49.4730, 1.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 77) }
```

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

```
.background{ background-color: rgb(179,  
196, 77) }
```

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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