

Converting Colors

YUV(179.4470, -38.1814,
19.7790)

Have a look what the booklet for
YUV(179.4470, -38.1814, 19.7790)
contains.

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Color

**YUV(179.4470, -38.1814,
19.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB766
RGB	202, 183, 102
RGB Percent	79%, 72%, 40%
CMY	0.2078, 0.2824, 0.6000
CMYK	0.00, 0.09, 0.50, 0.21
HSL	49°, 49%, 60%
HSV	49°, 50%, 79%
XYZ	43.6889, 47.3828, 19.4135
YIQ	179.4470, 37.3250, -21.1630

Conversions

Conversions Part 2

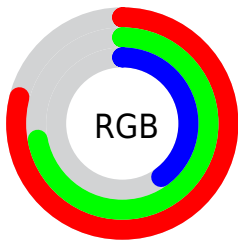
Format	Color
RYB	125, 202, 102
Decimal	13285222
CIELab	74.43, -3.93, 43.35
CIELCh	74, 43.531, 95.174
Yxy	47.3828, 0.3954, 0.4289
Android (android.graphics.Color)	4291475302 (0xFFCAB766)
YUV	179.4470, -38.1814, 19.7790
Hunter-Lab	68.8352, -7.1698, 31.4631

Details

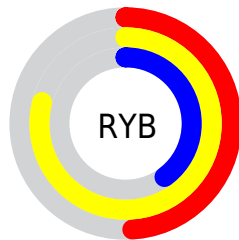
The YUV color $179.4470, -38.1814, 19.7790$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $124.5530, 38.1814, -19.7790$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.2080, -39.0495, 18.2346$, and $125.8920, -36.4288, 17.6347$ is the 20% darker color. If you saturate the color by 10%, you get $174.8190, -45.7598, 23.8377$, and if you desaturate by 10%, it is $184.0750, -30.6030, 15.7202$.

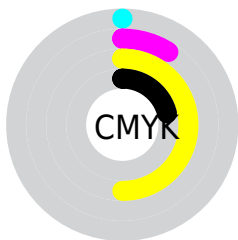
Distribution



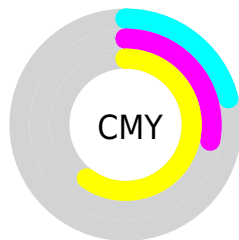
- Red (79%)
- Green (72%)
- Blue (40%)



- Red (49%)
- Yellow (79%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.4470, -38.1814, 19.7790 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 179.4470, -38.1814, 19.7790 by changing the saturation by 10% instead.

■ 179.4470,
-38.1814, 19.7790

■ 179.4470,
-38.1814, 19.7790

255.0000, 0.0000,
0.0000

■ 152.3760,
-37.1604, 18.9642

■ 234.2080,
-39.0495, 18.2346

■ 125.8920,
-36.4288, 17.6347

■ 246.6780,
-31.8863, 7.2984

■ 100.2940,
-36.1339, 16.4052

■ 249.8700,
-19.6559, 4.4990

■ 75.0550, -37.0021,
14.8608

■ 253.1760, -6.9888,
1.5996

■ 54.0790, -26.6609,
11.3317

■ 34.2770, -16.8986,
6.7731

■ 14.1650, -6.9833,

-0.1447

■ 0.0000, 0.0000,
0.0000

■ 179.4470,
-38.1814, 19.7790

■ 179.4470,
-38.1814, 19.7790

■ 174.8190,
-45.7598, 23.8377

■ 184.0750,
-30.6030, 15.7202

■ 170.1910,
-53.3382, 27.8965

■ 188.7030,
-23.0246, 11.6615

■ 165.4490,
-61.3534, 32.0552

■ 193.4450,
-15.0094, 7.5027

■ 161.4080,
-69.2211, 35.5992

■ 197.4860, -7.1416,
3.9588

■ 156.7800,
-76.7995, 39.6579

■ 202.1140, 0.4368,
-0.1000

■ 156.6660,
-77.2363, 39.7579

■ 206.7420, 8.0152,
-4.1587

■ 211.3700, 15.5936,
-8.2175

■ 215.0860, 19.6776,
-11.4764

■ 217.4340, 18.5200,
-13.5356

Harmonies

Analogous

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



182.4210, -35.2106, 46.9888



179.4470, -38.1814, 19.7790



174.6430, -28.9110, -13.7189

Triad

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



179.4470, -38.1814, 19.7790



145.1530, 40.8436, -127.2992



188.3580, 14.1205, 44.4130

Complementary

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



179.4470, -38.1814, 19.7790



124.5530, 38.1814, -19.7790

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.



186.7800, 30.6745, 8.0859



179.4470, -38.1814, 19.7790



158.1750, 47.7347, -97.5005

Square

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



179.4470, -38.1814, 19.7790



152.6560, 17.9176, -100.5533



177.7310, 38.0936, -38.3521



185.1740, -3.5368, 61.2374

Rectangle

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



179.4470, -38.1814, 19.7790



170.8770, -17.1944, -38.4801



177.7310, 38.0936, -38.3521



188.4860, 19.9734, 33.7768

Sweetspot

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



179.4470, -38.1814, 19.7790



246.5590, -14.5726, 7.4028



134.1800, -6.0047, 59.4781



122.4430, -8.5994, 4.8735



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.



179.4470, -38.1814, 19.7790



220.8770, -57.1274, 29.9259



181.6300, -39.2576, -8.4455



99.6860, -3.7892, 2.0294



128.2920, -63.2480, 33.0699



29.5590, -14.5726, 7.4028

Inverse Universe

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



124.5530, 38.1814, -19.7790



138.5360, 57.4168, -29.4111



122.3700, 39.2576, 8.4455



94.3140, 3.7892, -2.0294



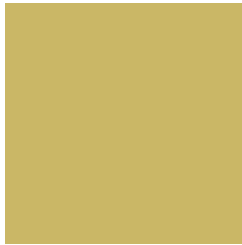
37.1210, 63.5373, -32.5551



8.4410, 14.5726, -7.4028

Previews

White Background



This preview shows how the YUV color 179.4470, -38.1814, 19.7790 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 179.4470, -38.1814, 19.7790 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 179.4470, -38.1814, 19.7790

Background



This preview shows how black text looks on a background with the YUV color 179.4470, -38.1814, 19.7790.



This preview shows how white text looks on a background with the YUV color 179.4470, -38.1814, 19.7790.

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

179.4470, -38.1814, 19.7790

Protanopia

179.1480, -38.0340, 19.1642

Deuteranopia

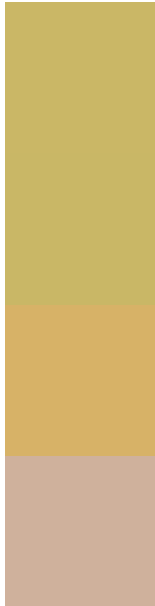
181.2580, -38.0882, 36.6077



Tritanopia

185.6590, 0.6611, 21.3471

Trichromacy



Original Color

179.4470, -38.1814, 19.7790

Protanomaly

179.1480, -38.0340, 19.1642

Deuteranomaly

180.5130, -38.2139, 30.2451

Tritanomaly

183.5760, -13.5950, 20.5428

Monochromacy



Original Color

179.4470, -38.1814, 19.7790

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.7870, -13.6990, 7.2028

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.4470, -38.1814, 19.7790 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(202, 183, 102)` looks like.

```
.text, #text, p{  
    color:rgb(202, 183, 102)  
}
```

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(202, 183, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 183, 102) }
```

Border

The CSS property to change the border of an element to YUV 179.4470, -38.1814, 19.7790 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(202, 183, 102) }
```


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

```
.border{ border-color:rgb(202, 183, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 183, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 183, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 183, 102);  
box-shadow:4px 4px 4px 4px rgb(202, 183,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 179.4470, -38.1814, 19.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 183, 102) }
```

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

```
.background{ background-color: rgb(202,  
183, 102) }
```

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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