

Converting Colors

YUV(177.0120, -38.4599,
15.7755)

Have a look what the booklet for
YUV(177.0120, -38.4599, 15.7755)
contains.

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Color

**YUV(177.0120, -38.4599,
15.7755)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B763
RGB	195, 183, 99
RGB Percent	76%, 72%, 39%
CMY	0.2353, 0.2824, 0.6118
CMYK	0.00, 0.06, 0.49, 0.24
HSL	53°, 44%, 58%
HSV	53°, 49%, 76%
XYZ	41.6913, 46.3699, 18.5573
YIQ	177.0120, 34.1160, -23.5800

Conversions

Conversions Part 2

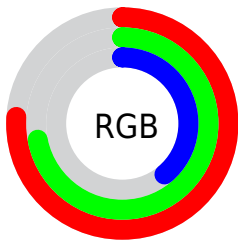
Format	Color
RYB	113, 195, 99
Decimal	12826467
CIELab	73.78, -7.10, 43.91
CIELCh	74, 44.485, 99.186
Yxy	46.3699, 0.3910, 0.4349
Android (android.graphics.Color)	4291016547 (0xFFC3B763)
YUV	177.0120, -38.4599, 15.7755
Hunter-Lab	68.0955, -9.8809, 31.5092

Details

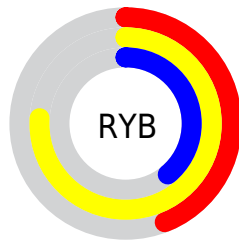
The YUV color $177.0120, -38.4599, 15.7755$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $116.9880, 38.4599, -15.7755$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.2680, -40.0651, 17.3050$, and $123.4570, -36.7073, 13.6312$ is the 20% darker color. If you saturate the color by 10%, you get $173.5580, -46.6171, 18.8046$, and if you desaturate by 10%, it is $180.4660, -30.3027, 12.7463$.

Distribution



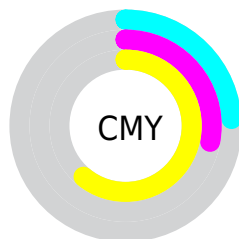
- Red (76%)
- Green (72%)
- Blue (39%)



- Red (44%)
- Yellow (76%)
- Blue (39%)



- Cyan (0%)
- Magenta (6%)
- Yellow (49%)
- Black (24%)



- Cyan (24%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0120, -38.4599, 15.7755 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 177.0120, -38.4599, 15.7755 by changing the saturation by 10% instead.

■ 177.0120,
-38.4599, 15.7755

■ 177.0120,
-38.4599, 15.7755

255.0000, 0.0000,
0.0000

■ 149.9410,
-37.4389, 14.9607

■ 233.2680,
-40.0651, 17.3050

■ 123.4570,
-36.7073, 13.6312

■ 246.3360,
-33.1966, 7.5983

■ 97.7450, -36.8493,
12.5016

■ 249.5280,
-20.9663, 4.7989

■ 73.2610, -36.1177,
11.1721

■ 252.7200, -8.7360,
1.9996

■ 52.5840, -25.9239,
8.2578

■ 32.4830, -16.0141,
3.0844

■ 10.8760, -5.3619,

-6.9073

■ 0.0000, 0.0000,
0.0000

■ 177.0120,
-38.4599, 15.7755

■ 177.0120,
-38.4599, 15.7755

■ 173.5580,
-46.6171, 18.8046

■ 180.4660,
-30.3027, 12.7463

■ 169.6310,
-54.0481, 22.2486

■ 184.3930,
-22.8717, 9.3023

■ 166.2910,
-61.7685, 25.1778

■ 187.8470,
-14.7146, 6.2732

■ 162.2500,
-69.6363, 28.7218

■ 191.7740, -7.2836,
2.8292

■ 158.9100,
-77.3566, 31.6509

■ 195.1140, 0.4368,
-0.1000

■ 158.6820,
-78.2302, 31.8509

■ 199.1550, 8.3046,
-3.6439

■ 202.6090, 16.4618,
-6.6731

■ 206.5360, 23.8928,
-10.1171

■ 207.7100, 23.3140,
-11.1467

Harmonies

Analogous

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



180.2420, -37.0943, 44.5148



177.0120, -38.4599, 15.7755



172.2510, -27.7317, -18.6371

Triad

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



177.0120, -38.4599, 15.7755



144.4350, 43.1695, -126.6695



186.2230, 12.2151, 48.9164

Complementary

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



177.0120, -38.4599, 15.7755



116.9880, 38.4599, -15.7755

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.



185.7700, 29.2004, 14.2337



177.0120, -38.4599, 15.7755



157.6100, 48.0133, -93.4970

Square

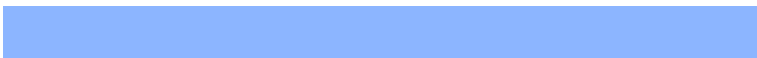
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



177.0120, -38.4599, 15.7755



141.1630, 25.5556, -123.8000



177.1770, 38.3667, -32.6042



183.0880, -6.4524, 63.0668

Rectangle

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



177.0120, -38.4599, 15.7755



167.5280, -14.5573, -44.3131



177.1770, 38.3667, -32.6042



186.7640, 18.3573, 38.7950

Sweetspot

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



177.0120, -38.4599, 15.7755



245.4340, -15.0040, 5.7584



129.1860, -8.4727, 57.7189



123.6170, -9.1782, 3.8439



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.



177.0120, -38.4599, 15.7755



224.5620, -59.4371, 24.0631



173.5910, -36.7734, -11.9193



95.2730, -4.0786, 1.5146



130.9060, -64.5367, 26.3924



26.8900, -13.2568, 5.3585

Inverse Universe

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



116.9880, 38.4599, -15.7755



131.4380, 59.4371, -24.0631



120.4090, 36.7734, 11.9193



88.7270, 4.0786, -1.5146



30.0940, 64.5367, -26.3924



6.1100, 13.2568, -5.3585

Previews

White Background



This preview shows how the YUV color 177.0120, -38.4599, 15.7755 looks on a white background.

Color Contrast Check

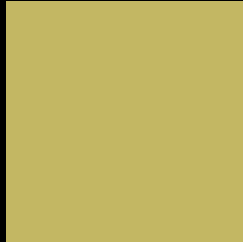
Large Text (above 18pt) WCAG AA × Fail

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 177.0120, -38.4599, 15.7755 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 177.0120, -38.4599, 15.7755

Background



This preview shows how black text looks on a background with the YUV color 177.0120, -38.4599, 15.7755.

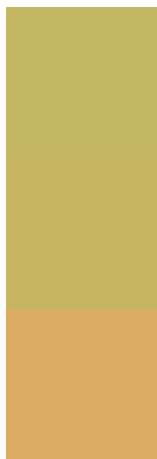


This preview shows how white text looks on a background with the YUV color 177.0120, -38.4599, 15.7755.

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

177.0120, -38.4599, 15.7755

Protanopia

177.2190, -39.0550, 19.9789

Deuteranopia

179.1440, -38.5250, 36.7077



Tritanopia

183.8650, 1.5456, 17.6584

Trichromacy



Original Color

177.0120, -38.4599, 15.7755

Protanomaly

177.2080, -39.0495, 18.2346

Deuteranomaly

178.6870, -38.7927, 29.2155

Tritanomaly

181.6680, -13.1473, 16.9542

Monochromacy



Original Color

177.0120, -38.4599, 15.7755

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0750, -13.8410, 6.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0120, -38.4599, 15.7755 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(195, 183, 99)` looks like.

```
.text, #text, p{  
    color:rgb(195, 183, 99)  
}
```

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(195, 183, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 183, 99) }
```

Border

The CSS property to change the border of an element to YUV 177.0120, -38.4599, 15.7755 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(195, 183, 99) }
```


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

```
.border{ border-color:rgb(195, 183, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 183, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 183, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 183, 99);  
box-shadow:4px 4px 4px 4px rgb(195, 183,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 177.0120, -38.4599, 15.7755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 183, 99) }
```

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

```
.background{ background-color: rgb(195,  
183, 99) }
```

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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