

Converting Colors

YUV(173.5170, -17.5099,
16.2096)

Have a look what the booklet for
YUV(173.5170, -17.5099, 16.2096)
contains.

YUV(173.5170, -17.5099, 16.2096)	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(173.5170, -17.5099,
16.2096)**

Conversions

Conversions Part 1

Format	Color
Hex	C0AB8A
RGB	192, 171, 138
RGB Percent	75%, 67%, 54%
CMY	0.2471, 0.3294, 0.4588
CMYK	0.00, 0.11, 0.28, 0.25
HSL	37°, 30%, 65%
HSV	37°, 28%, 75%
XYZ	40.8886, 42.1673, 30.0288
YIQ	173.5170, 23.1090, -5.8110

Conversions

Conversions Part 2

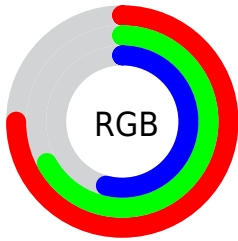
Format	Color
RYB	172, 192, 138
Decimal	12626826
CIELab	70.99, 2.51, 19.79
CIELCh	71, 19.951, 82.777
Yxy	42.1673, 0.3616, 0.3729
Android (android.graphics.Color)	4290816906 (0xFFC0AB8A)
YUV	173.5170, -17.5099, 16.2096
Hunter-Lab	64.9363, -1.2421, 18.0377

Details

The YUV color $173.5170, -17.5099, 16.2096$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $156.4830, 17.5099, -16.2096$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.0010, -18.2415, 17.5391$, and $121.1470, -16.3415, 14.7801$ is the 20% darker color. If you saturate the color by 10%, you get $167.2420, -23.7833, 21.7128$, and if you desaturate by 10%, it is $179.7920, -11.2365, 10.7064$.

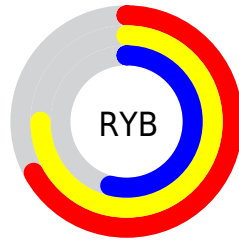
Distribution



Red (75%)

Green (67%)

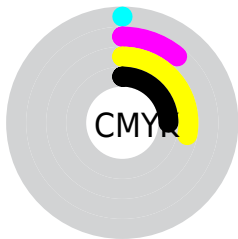
Blue (54%)



Red (67%)

Yellow (75%)

Blue (54%)

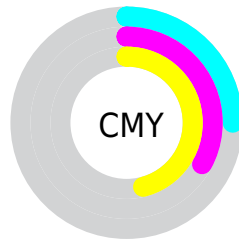


Cyan (0%)

Magenta (11%)

Yellow (28%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5170, -17.5099, 16.2096 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 173.5170, -17.5099, 16.2096 by changing the saturation by 10% instead.

■ 173.5170,
-17.5099, 16.2096

■ 173.5170,
-17.5099, 16.2096

255.0000, 0.0000,
0.0000

■ 147.2180,
-17.3625, 15.5948

■ 229.0010,
-18.2415, 17.5391

■ 121.1470,
-16.3415, 14.7801

■ 250.8960,
-15.7247, 3.5992

■ 95.9620, -15.7573,
14.0653

■ 254.2020, -3.0576,
0.6998

■ 72.4780, -15.0257,
12.7358

■ 49.4070, -14.0047,
11.9211

■ 28.1080, -13.8572,
11.3063

■ 4.1750, -2.0583,

6.8625

■ 0.0000, 0.0000,
0.0000

■ 173.5170,
-17.5099, 16.2096

■ 173.5170,
-17.5099, 16.2096

■ 167.2420,
-23.7833, 21.7128

■ 179.7920,
-11.2365, 10.7064

■ 160.3800,
-29.7673, 27.7307

■ 186.6540, -5.2524,
4.6884

■ 153.9910,
-36.4776, 33.3339

■ 193.0430, 1.4578,
-0.9147

■ 147.1290,
-42.4616, 39.3519

■ 199.9050, 7.4418,
-6.9327

■ 140.8540,
-48.7350, 44.8550

■ 206.1800, 13.7153,
-12.4359

■ 133.9920,
-54.7191, 50.8730

■ 213.0420, 19.6993,
-18.4538

■ 127.7170,
-60.9925, 56.3762

■ 217.3790, 18.5472,
-22.2574

■ 126.0870,
-62.1609, 57.8057

■ 222.0750, 16.2320,
-26.3758

■ 226.1840, 14.2063,
-29.9794

Harmonies

Analogous

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



175.0930, -14.3428, 27.1054



173.5170, -17.5099, 16.2096



171.5860, -15.5719, 1.2401

Triad

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



173.5170, -17.5099, 16.2096



166.4020, 10.1548, -37.1866



176.9060, 9.4133, 14.1144

Complementary

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



173.5170, -17.5099, 16.2096



156.4830, 17.5099, -16.2096

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.



175.1040, 15.7247, -3.5992



173.5170, -17.5099, 16.2096



167.8460, 16.8379, -34.0679

Square

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



173.5170, -17.5099, 16.2096



167.3400, 0.8184, -29.2392



171.6780, 18.3997, -21.6426



176.8060, 1.0816, 26.4801

Rectangle

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



173.5170, -17.5099, 16.2096



169.9590, -11.3188, -9.6110



171.6780, 18.3997, -21.6426



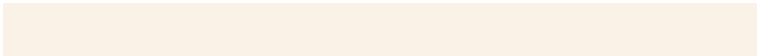
176.4430, 11.6136, 8.3815

Sweetspot

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



173.5170, -17.5099, 16.2096



243.0240, -6.4208, 6.1180



156.6540, 1.6496, 30.9984



120.5830, -4.2314, 3.8737



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.5170, -17.5099, 16.2096



220.9390, -27.5779, 25.4865



184.3490, -22.8501, 2.3249



93.5120, -3.2104, 3.0590



105.6650, -52.0928, 48.5288



21.6070, -10.6523, 9.9917

Inverse Universe

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



156.4830, 17.5099, -16.2096



194.0610, 27.5779, -25.4865



145.6510, 22.8501, -2.3249



90.4880, 3.2104, -3.0590



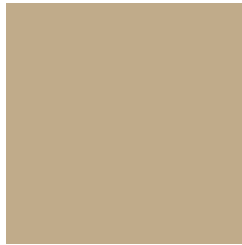
54.7480, 52.3822, -48.0140



11.3930, 10.6523, -9.9917

Previews

White Background



This preview shows how the YUV color 173.5170, -17.5099, 16.2096 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 173.5170, -17.5099, 16.2096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

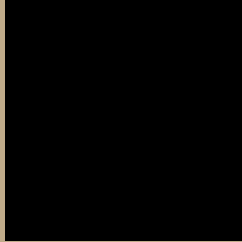
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.5170, -17.5099, 16.2096

Background



This preview shows how black text looks on a background with the YUV color 173.5170, -17.5099, 16.2096.



This preview shows how white text looks on a background with the YUV color 173.5170, -17.5099, 16.2096.

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

173.5170, -17.5099, 16.2096

Protanopia

173.2990, -16.9094, 10.2618

Deuteranopia

174.5720, -17.5370, 24.9314



Tritanopia

176.0500, 0.9614, 18.3732

Trichromacy



Original Color

173.5170, -17.5099, 16.2096

Protanomaly

173.6090, -17.0622, 12.6209

Deuteranomaly

173.9630, -17.2368, 21.9574

Tritanomaly

174.9160, -5.8746, 17.6137

Monochromacy



Original Color

173.5170, -17.5099, 16.2096

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0240, -6.4208, 6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5170, -17.5099, 16.2096 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, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(192, 171, 138)  
}
```

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, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 171, 138) }
```

Border

The CSS property to change the border of an element to YUV 173.5170, -17.5099, 16.2096 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

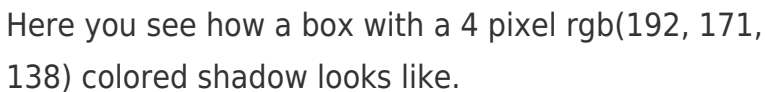
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 171, 138) }
```


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

```
.border{ border-color:rgb(192, 171, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 171, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 171, 138); box-shadow:4px 4px 4px 4px rgb(192, 171, 138) }
```

Background

The CSS property to change the background color of an element to YUV 173.5170, -17.5099, 16.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 171, 138) }
```

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

```
.background{ background-color: rgb(192,  
171, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor