

Converting Colors

YUV(199.7670, -16.6471,
19.4983)

Have a look what the booklet for
YUV(199.7670, -16.6471, 19.4983)
contains.

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Color

**YUV(199.7670, -16.6471,
19.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC3A6
RGB	222, 195, 166
RGB Percent	87%, 76%, 65%
CMY	0.1294, 0.2353, 0.3490
CMYK	0.00, 0.12, 0.25, 0.13
HSL	31°, 46%, 76%
HSV	31°, 25%, 87%
XYZ	56.5222, 57.3130, 44.1599
YIQ	199.7670, 25.4010, -3.2950

Conversions

Conversions Part 2

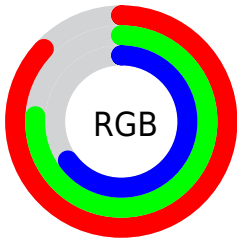
Format	Color
R _Y B	218, 222, 166
Decimal	14599078
CIE Lab	80.36, 5.14, 18.09
CIE LCh	80, 18.804, 74.134
Yxy	57.3130, 0.3577, 0.3628
Android (android.graphics.Color)	4292789158 (0xFFDEC3A6)
YUV	199.7670, -16.6471, 19.4983
Hunter-Lab	75.7053, 0.7853, 18.4091

Details

The YUV color $199.7670, -16.6471, 19.4983$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $188.2330, 16.6471, -19.4983$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3630, -13.9830, 4.9436$, and $145.3970, -15.4787, 18.0688$ is the 20% darker color. If you saturate the color by 10%, you get $190.8020, -23.0734, 27.3606$, and if you desaturate by 10%, it is $208.7320, -10.2209, 11.6360$.

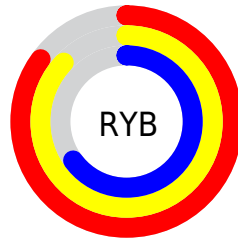
Distribution



Red (87%)

Green (76%)

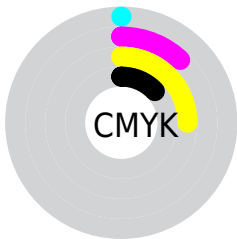
Blue (65%)



Red (85%)

Yellow (87%)

Blue (65%)

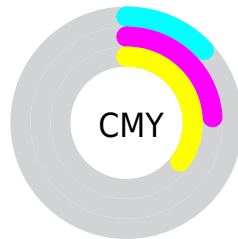


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (13%)



Cyan (13%)

Magenta (24%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7670, -16.6471, 19.4983 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 199.7670, -16.6471, 19.4983 by changing the saturation by 10% instead.

■ 199.7670,
-16.6471, 19.4983

■ 199.7670,
-16.6471, 19.4983

■ 255.0000, 0.0000,
0.0000

■ 172.5820,
-16.0629, 18.7836

■ 249.3630,
-13.9830, 4.9436

■ 145.3970,
-15.4787, 18.0688

■ 254.4300, -2.1840,
0.4999

■ 119.7990,
-15.1839, 16.8393

■ 94.7280, -14.1629,
16.0245

■ 71.1300, -13.8681,
14.7950

■ 48.6460, -13.1365,
13.4655

■ 27.2330, -13.4259,

12.9507

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 199.7670,
-16.6471, 19.4983

■ 199.7670,
-16.6471, 19.4983

■ 190.8020,
-23.0734, 27.3606

■ 208.7320,
-10.2209, 11.6360

■ 182.4240,
-29.7890, 34.7082

■ 217.1100, -3.5052,
4.2885

■ 173.3450,
-36.6521, 42.6704

■ 226.1890, 3.3578,
-3.6738

■ 164.3800,
-43.0783, 50.5327

■ 235.1540, 9.7841,
-11.5361

■ 155.4150,
-49.5046, 58.3950

■ 241.6110, 6.6008,
-17.1988

■ 147.0370,
-56.2202, 65.7426

■ 245.1330, 4.8644,
-20.2876

■ 138.0720,
-62.6465, 73.6049

■ 133.8830,
-66.0043, 77.2786

Harmonies

Analogous

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



201.2610, -12.4537, 27.8351



199.7670, -16.6471, 19.4983



197.7930, -16.1669, 5.4435

Triad

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



199.7670, -16.6471, 19.4983



192.9140, 6.9444, -34.1276



202.0410, 11.3188, 9.6110

Complementary

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



199.7670, -16.6471, 19.4983



188.2330, 16.6471, -19.4983

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.



199.8970, 16.3198, -7.8027



199.7670, -16.6471, 19.4983



193.8630, 14.3645, -34.0829

Square

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



199.7670, -16.6471, 19.4983



193.8630, -2.3975, -24.4359



196.8410, 17.8264, -24.4166



202.6530, 3.1291, 23.1063

Rectangle

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



199.7670, -16.6471, 19.4983



196.2370, -12.9348, -4.5928



196.8410, 17.8264, -24.4166



201.4640, 13.0822, 3.9781

Sweetspot

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



199.7670, -16.6471, 19.4983



246.8500, -5.8420, 7.1476



185.8220, 3.5388, 31.7281



122.4090, -3.6526, 4.9033



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.



199.7670, -16.6471, 19.4983



224.6170, -22.4892, 26.6459



215.3170, -24.3133, 4.9840



107.8110, -3.3578, 3.6738



106.0410, -52.2782, 61.3540



29.0270, -14.3103, 16.6393

Inverse Universe

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



188.2330, 16.6471, -19.4983



208.7960, 22.7786, -26.1311



172.6830, 24.3133, -4.9840



105.1890, 3.3578, -3.6738



69.9590, 52.2782, -61.3540



18.9730, 14.3103, -16.6393

Previews

White Background



This preview shows how the YUV color 199.7670, -16.6471, 19.4983 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 199.7670, -16.6471, 19.4983 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 199.7670, -16.6471, 19.4983

Background



This preview shows how black text looks on a background with the YUV color 199.7670, -16.6471, 19.4983.



This preview shows how white text looks on a background with the YUV color 199.7670, -16.6471, 19.4983.

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

199.7670, -16.6471, 19.4983

Protanopia

198.7550, -15.1622, 9.8619

Deuteranopia

200.5120, -16.5214, 25.8610



Tritanopia

202.6590, 0.6611, 21.3471

Trichromacy



Original Color

199.7670, -16.6471, 19.4983

Protanomaly

199.2500, -15.8993, 12.9358

Deuteranomaly

200.2020, -16.3686, 23.5018

Tritanomaly

201.6390, -5.7380, 20.4876

Monochromacy



Original Color

199.7670, -16.6471, 19.4983

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.8500, -5.8421, 7.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7670, -16.6471, 19.4983 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(222, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(222, 195, 166)  
}
```

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(222, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 195, 166) }
```

Border

The CSS property to change the border of an element to YUV 199.7670, -16.6471, 19.4983 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(222, 195, 166) }
```


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

```
.border{ border-color:rgb(222, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(222, 195,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 199.7670, -16.6471, 19.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 195, 166) }
```

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

```
.background{ background-color: rgb(222,  
195, 166) }
```

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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