

Converting Colors

YUV(199.0700, 17.2205,
-16.7244)

Have a look what the booklet for
YUV(199.0700, 17.2205, -16.7244)
contains.

YUV(199.0700, 17.2205, -16.7244)	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(199.0700, 17.2205,
-16.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CAEA
RGB	180, 202, 234
RGB Percent	71%, 79%, 92%
CMY	0.2941, 0.2078, 0.0824
CMYK	0.23, 0.14, 0.00, 0.08
HSL	216°, 56%, 81%
HSV	216°, 23%, 92%
XYZ	54.7942, 57.8849, 86.1268
YIQ	199.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

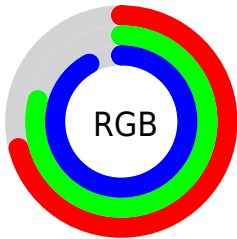
Format	Color
R _Y B	180, 196, 234
Decimal	11848426
CIE Lab	80.67, -0.57, -18.28
CIE LCh	81, 18.293, 268.229
Yxy	57.8849, 0.2756, 0.2912
Android (android.graphics.Color)	4290038506 (0xFFB4CAEA)
YUV	199.0700, 17.2205, -16.7244
Hunter-Lab	76.0821, -4.5883, -13.8603

Details

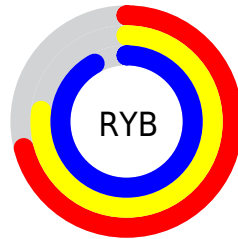
The YUV color $199.0700, 17.2205, -16.7244$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $214.9300, -17.2205, 16.7244$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $144.8420, 16.3469, -16.5244$ is the 20% darker color. If you saturate the color by 10%, you get $183.9750, 24.6623, -23.6571$, and if you desaturate by 10%, it is $214.1650, 9.7787, -9.7917$.

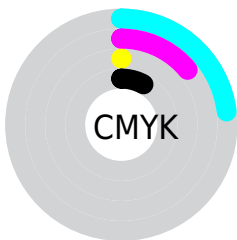
Distribution



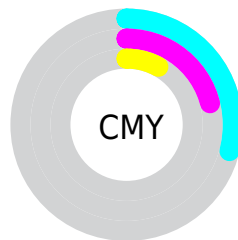
- Red (71%)
- Green (79%)
- Blue (92%)



- Red (71%)
- Yellow (77%)
- Blue (92%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0700, 17.2205, -16.7244 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 199.0700, 17.2205, -16.7244 by changing the saturation by 10% instead.

■ 199.0700, 17.2205,
-16.7244

■ 199.0700, 17.2205,
-16.7244

255.0000, 0.0000,
0.0000

■ 171.9560, 16.7837,
-16.6244

■ 249.3190, 2.8007,
-11.6808

■ 144.8420, 16.3469,
-16.5244

■ 119.0270, 15.7627,
-15.8097

■ 94.6140, 15.4733,
-16.3245

■ 70.0870, 14.7471,
-16.7393

■ 46.6740, 14.4577,
-17.2541

■ 24.0650, 14.7580,

-20.2280

■ 6.6970, 12.9674,
-5.8733

■ 0.5700, 2.1840,
-0.4999

■ 199.0700, 17.2205,
-16.7244

■ 199.0700, 17.2205,
-16.7244

■ 183.9750, 24.6623,
-23.6571

■ 214.1650, 9.7787,
-9.7917

■ 168.5810, 32.2516,
-31.2045

■ 229.5590, 2.1894,
-2.2442

■ 153.4860, 39.6934,
-38.1372

■ 244.6540, -5.2524,
4.6884

■ 138.6790, 46.9933,
-46.1995

■ 252.6060, -9.1728,
2.0995

■ 123.5840, 54.4351,
-53.1322

■ 108.4890, 61.8769,
-60.0649

■ 93.0950, 69.4662,
-67.6123

■ 82.4410, 74.7186,
-72.3008

Harmonies

Analogous

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



196.0530, 16.2429, -29.8645



199.0700, 17.2205, -16.7244



201.6700, 13.9667, 0.2894

Triad

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



199.0700, 17.2205, -16.7244



202.5970, -8.6753, 29.2944



195.7670, -6.7871, -16.4587

Complementary

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



199.0700, 17.2205, -16.7244



214.9300, -17.2205, 16.7244

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.



197.7320, -13.6719, -1.5190



199.0700, 17.2205, -16.7244



201.3700, -14.4794, 24.2315

Square

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



199.0700, 17.2205, -16.7244



203.3500, -0.6655, 26.8801



200.0220, -16.7728, 13.1357



194.0950, 2.4182, -29.0243

Rectangle

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



199.0700, 17.2205, -16.7244



203.2970, 9.7136, 11.1405



200.0220, -16.7728, 13.1357



196.4040, -9.5662, -11.7553

Sweetspot

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



199.0700, 17.2205, -16.7244



243.1610, 5.8366, -5.4032



215.3460, -1.6496, -30.9984



120.6020, 3.6472, -3.1590



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.



199.0700, 17.2205, -16.7244



209.1170, 22.6203, -22.0276



187.6510, 22.8501, -2.3249



109.6020, 3.6472, -3.1590



64.0720, 57.6455, -56.1911



19.0700, 17.2205, -16.7244

Inverse Universe

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



198.6540, 1.6496, 30.9984



208.5350, 2.2012, 40.7498



226.6480, -22.9975, 2.9397



109.7450, 0.1257, 6.3626



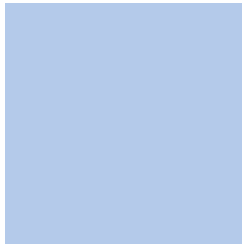
62.5550, 5.6424, 103.8763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 199.0700, 17.2205, -16.7244 looks on a white background.

Color Contrast Check

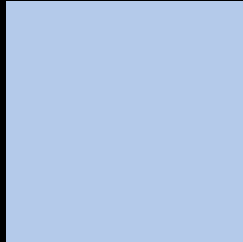
Large Text (above 18pt) WCAG AA × Fail

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 199.0700, 17.2205, -16.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

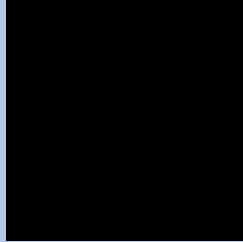
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

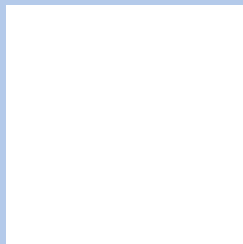
Any Text WCAG AAA ✓ Pass

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

YUV 199.0700, 17.2205, -16.7244 Background



This preview shows how black text looks on a background with the YUV color 199.0700, 17.2205, -16.7244.



This preview shows how white text looks on a background with the YUV color 199.0700, 17.2205, -16.7244.

-16.7244.

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

199.0700, 17.2205, -16.7244

Protanopia

200.6800, 15.4408, -5.8584

Deuteranopia

201.6530, 16.4401, 0.3043



Tritanopia

197.8650, 11.4056, -18.2986

Trichromacy



Original Color

199.0700, 17.2205, -16.7244

Protanomaly

199.8860, 16.3252, -9.5470

Deuteranomaly

201.0220, 16.7512, -6.1583

Tritanomaly

198.1470, 13.7315, -17.6689

Monochromacy



Original Color

199.0700, 17.2205, -16.7244

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0700, 17.2205, -16.7244 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(180, 202, 234)` looks like.

```
.text, #text, p{  
    color:rgb(180, 202, 234)  
}
```

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(180, 202, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 202, 234) }
```

Border

The CSS property to change the border of an element to YUV 199.0700, 17.2205, -16.7244 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(180, 202, 234) }
```


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

```
.border{ border-color:rgb(180, 202, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 202, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 202, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 202, 234);  
box-shadow:4px 4px 4px 4px rgb(180, 202,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 199.0700, 17.2205, -16.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 202, 234) }
```

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

```
.background{ background-color: rgb(180,  
202, 234) }
```

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