

Converting Colors

YUV(199.3180, 7.7312, -6.4179)

Have a look what the booklet for
YUV(199.3180, 7.7312, -6.4179)
contains.

YUV(199.3180, 7.7312, -6.4179)	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(199.3180, 7.7312,
-6.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C8D7
RGB	192, 200, 215
RGB Percent	75%, 78%, 84%
CMY	0.2471, 0.2157, 0.1569
CMYK	0.11, 0.07, 0.00, 0.16
HSL	219°, 22%, 80%
HSV	219°, 11%, 84%
XYZ	54.6582, 57.4213, 72.4926
YIQ	199.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

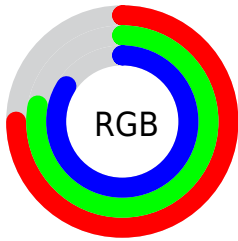
Format	Color
R _Y B	192, 198, 215
Decimal	12634327
CIE Lab	80.42, 0.21, -8.40
CIE LCh	80, 8.407, 271.401
Yxy	57.4213, 0.2961, 0.3111
Android (android.graphics.Color)	4290824407 (0xFFC0C8D7)
YUV	199.3180, 7.7312, -6.4179
Hunter-Lab	75.7769, -3.8565, -3.6765

Details

The YUV color $199.3180, 7.7312, -6.4179$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.6820, -7.7312, 6.4179$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9070, 1.0318, -4.3034$, and $145.2040, 7.2944, -6.3179$ is the 20% darker color. If you saturate the color by 10%, you get $184.8210, 14.8782, -12.1210$, and if you desaturate by 10%, it is $214.1140, 0.4368, -0.1000$.

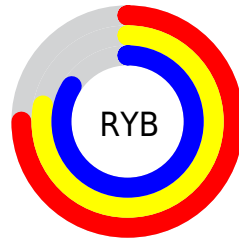
Distribution



Red (75%)

Green (78%)

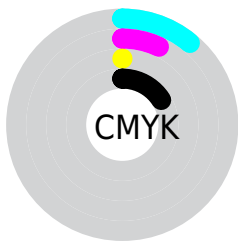
Blue (84%)



Red (75%)

Yellow (78%)

Blue (84%)

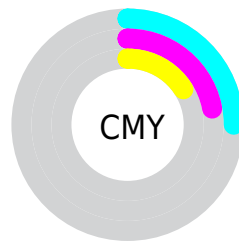


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3180, 7.7312, -6.4179 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 199.3180, 7.7312, -6.4179 by changing the saturation by 10% instead.

■ 199.3180, 7.7312,
-6.4179

■ 199.3180, 7.7312,
-6.4179

255.0000, 0.0000,
0.0000

■ 172.2040, 7.2944,
-6.3179

■ 252.9070, 1.0318,
-4.3034

■ 145.2040, 7.2944,
-6.3179

■ 119.5030, 7.1470,
-5.7031

■ 95.0900, 6.8576,
-6.2179

■ 71.3890, 6.7102,
-5.6032

■ 48.8620, 5.9840,
-6.0180

■ 28.1610, 5.8366,

-5.4032

■ 3.3400, 7.7204,
-2.9292

■ 0.0000, 0.0000,
0.0000

■ 199.3180, 7.7312,
-6.4179

■ 199.3180, 7.7312,
-6.4179

■ 184.8210, 14.8782,
-12.1210

■ 214.1140, 0.4368,
-0.1000

■ 170.0250, 22.1727,
-18.4389

■ 228.6110, -6.7102,
5.6032

■ 155.2290, 29.4671,
-24.7568

■ 242.8090,
-13.7098, 10.6915

■ 140.7320, 36.6141,
-30.4600

■ 250.4400,
-17.4719, 3.9991

■ 126.2350, 43.7611,
-36.1631

■ 111.4390, 51.0556,
-42.4810

■ 96.9420, 58.2026,
-48.1841

■ 82.1460, 65.4970,
-54.5020

■ 68.5350, 72.2072,
-60.1052

Harmonies

Analogous

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



197.8720, 7.4581, -12.1657



199.3180, 7.7312, -6.4179



200.3190, 6.2517, 1.4742

Triad

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



199.3180, 7.7312, -6.4179



201.2360, -4.5533, 13.8250



197.2610, -2.5937, -8.1219

Complementary

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



199.3180, 7.7312, -6.4179



207.6820, -7.7312, 6.4179

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.



198.6810, -6.2517, -1.4742



199.3180, 7.7312, -6.4179



200.5300, -7.1633, 10.9362

Square

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



199.3180, 7.7312, -6.4179



201.1480, -1.0590, 13.0252



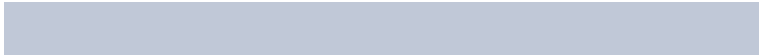
199.3830, -7.5838, 5.8031



196.9660, 1.4958, -13.1252

Rectangle

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



199.3180, 7.7312, -6.4179



201.0700, 3.9095, 6.0776



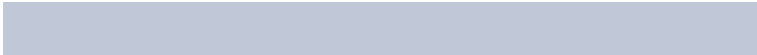
199.3830, -7.5838, 5.8031



197.9300, -3.9095, -6.0776

Sweetspot

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



199.3180, 7.7312, -6.4179



249.6730, 2.6262, -2.3442



207.2110, -0.1040, -13.3400



123.8580, 2.0420, -1.6295



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.



199.3180, 7.7312, -6.4179



232.2190, 11.2310, -8.9621



195.5190, 9.6041, -0.4552



99.6020, 3.6472, -3.1590



54.1270, 57.6184, -47.4694



13.7070, 14.4414, -12.0210

Inverse Universe

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



199.7890, 0.1040, 13.3400



233.1210, -0.0597, 19.1879



211.4810, -9.6041, 0.4552



99.7450, 0.1257, 6.3626



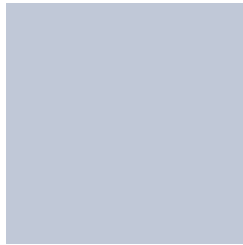
57.8550, 0.5645, 99.2282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 199.3180, 7.7312, -6.4179 looks on a white background.

Color Contrast Check

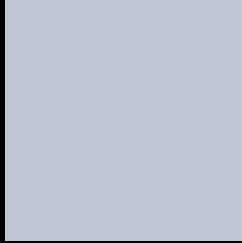
Large Text (above 18pt) WCAG AA × Fail

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 199.3180, 7.7312, -6.4179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

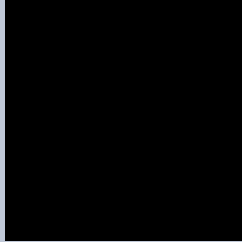
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

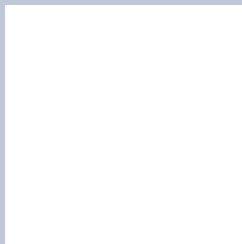
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.3180, 7.7312, -6.4179

Background



This preview shows how black text looks on a background with the YUV color 199.3180, 7.7312, -6.4179.



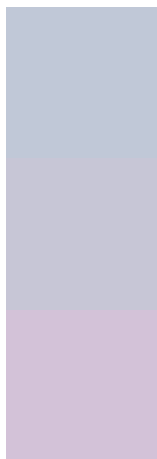
This preview shows how white text looks on a background with the YUV color 199.3180, 7.7312, -6.4179.

-6.4179.

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

199.3180, 7.7312, -6.4179

Protanopia

200.1230, 6.8414, -0.9849

Deuteranopia

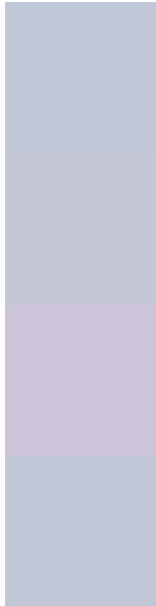
201.5910, 7.1036, 8.2517



Tritanopia

199.4320, 8.1680, -6.5179

Trichromacy



Original Color

199.3180, 7.7312, -6.4179

Protanomaly

199.8130, 6.9942, -3.3440

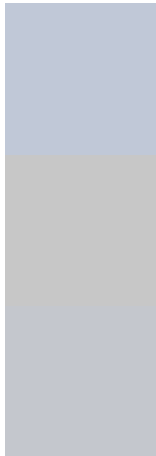
Deuteranomaly

200.6720, 7.5567, 2.9187

Tritanomaly

199.4320, 8.1680, -6.5179

Monochromacy



Original Color

199.3180, 7.7312, -6.4179

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.7870, 3.0630, -2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3180, 7.7312, -6.4179 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, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(192, 200, 215)  
}
```

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, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 200, 215) }
```

Border

The CSS property to change the border of an element to YUV 199.3180, 7.7312, -6.4179 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, 200, 215) }
```


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

```
.border{ border-color:rgb(192, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(192, 200,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 199.3180, 7.7312, -6.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 200, 215) }
```

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

```
.background{ background-color: rgb(192,  
200, 215) }
```

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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