

Converting Colors

YUV(191.5700, 2.1840, -0.4999)

Have a look what the booklet for
YUV(191.5700, 2.1840, -0.4999)
contains.

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Color

**YUV(191.5700, 2.1840,
-0.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBFC4
RGB	191, 191, 196
RGB Percent	75%, 75%, 77%
CMY	0.2510, 0.2510, 0.2314
CMYK	0.03, 0.03, 0.00, 0.23
HSL	240°, 4%, 76%
HSV	240°, 3%, 77%
XYZ	50.0805, 52.3235, 59.6845
YIQ	191.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

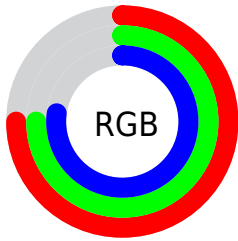
Format	Color
RYB	191, 191, 196
Decimal	12566468
CIELab	77.47, 0.94, -2.52
CIElCh	77, 2.688, 290.448
Yxy	52.3235, 0.3090, 0.3228
Android (android.graphics.Color)	4290756548 (0xFFBFBFC4)
YUV	191.5700, 2.1840, -0.4999
Hunter-Lab	72.3350, -3.0034, 1.7136

Details

The YUV color $191.5700, 2.1840, -0.4999$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $195.4300, -2.1840, 0.4999$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.6840, 2.6208, -0.5999$, and $138.4560, 1.7472, -0.3999$ is the 20% darker color. If you saturate the color by 10%, you get $173.8500, 10.9200, -2.4994$, and if you desaturate by 10%, it is $209.2900, -6.5520, 1.4997$.

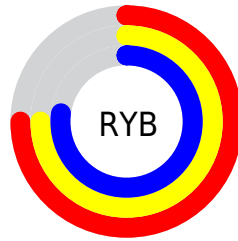
Distribution



Red (75%)

Green (75%)

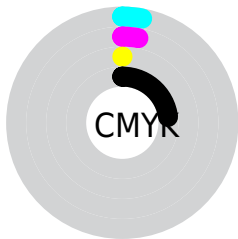
Blue (77%)



Red (75%)

Yellow (75%)

Blue (77%)

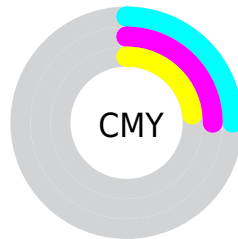


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (23%)



Cyan (25%)

Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.5700, 2.1840, -0.4999 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 191.5700, 2.1840, -0.4999 by changing the saturation by 10% instead.

■ 191.5700, 2.1840,
-0.4999

■ 191.5700, 2.1840,
-0.4999

255.0000, 0.0000,
0.0000

■ 164.5700, 2.1840,
-0.4999

■ 247.6840, 2.6208,
-0.5999

■ 138.4560, 1.7472,
-0.3999

■ 112.5700, 2.1840,
-0.4999

■ 88.4560, 1.7472,
-0.3999

■ 65.4560, 1.7472,
-0.3999

■ 43.3420, 1.3104,
-0.2999

■ 22.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 191.5700, 2.1840,
-0.4999

■ 191.5700, 2.1840,
-0.4999

■ 173.8500, 10.9200,
-2.4994

■ 209.2900, -6.5520,
1.4997

■ 157.0160, 19.2191,
-4.3990

■ 226.1240,
-14.8511, 3.3993

■ 139.2960, 27.9551,
-6.3986

■ 243.8440,
-23.5871, 5.3988

■ 122.4620, 36.2542,
-8.2982

■ 248.2740,
-25.7711, 5.8987

■ 104.7420, 44.9902,
-10.2977

■ 87.0220, 53.7262,
-12.2973

■ 70.1880, 62.0253,
-14.1969

■ 52.4680, 70.7613,
-16.1964

■ 35.6340, 79.0604,
-18.0960

Harmonies

Analogous

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



191.2600, 2.3368, -2.8590



191.5700, 2.1840, -0.4999



191.7660, 1.5944, 1.9592

Triad

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



191.5700, 2.1840, -0.4999



191.5660, -1.7580, 3.8886



190.8640, -0.4260, -3.3887

Complementary

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



191.5700, 2.1840, -0.4999



195.4300, -2.1840, 0.4999

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.



190.6470, -1.3050, -1.4444



191.5700, 2.1840, -0.4999



191.4410, -2.1894, 2.2442

Square

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



191.5700, 2.1840, -0.4999



192.0930, -1.0318, 4.3034



191.4300, -2.1840, 0.4999



190.9070, 1.0318, -4.3034

Rectangle

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



191.5700, 2.1840, -0.4999



192.1360, 0.4260, 3.3887



191.4300, -2.1840, 0.4999



190.8640, -0.4260, -3.3887

Sweetspot

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



191.5700, 2.1840, -0.4999



252.3420, 1.3104, -0.2999



194.5050, 0.7370, -3.0739



126.2280, 0.8736, -0.2000



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.



191.5700, 2.1840, -0.4999



247.9120, 3.4944, -0.7998



192.4670, 1.7418, 1.3444



93.4560, 1.7472, -0.3999



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Inverse Universe

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



193.0650, 1.4470, 2.5740



250.3040, 2.3151, 4.1184



194.8320, -1.8892, -0.7297



94.6520, 1.1576, 2.0592



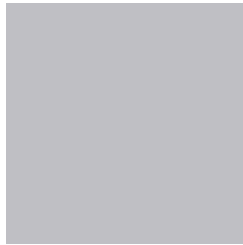
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 191.5700, 2.1840, -0.4999 looks on a white background.

Color Contrast Check

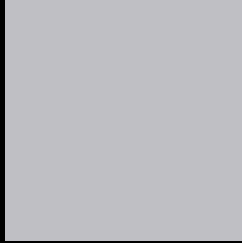
Large Text (above 18pt) WCAG AA × Fail

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 191.5700, 2.1840, -0.4999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

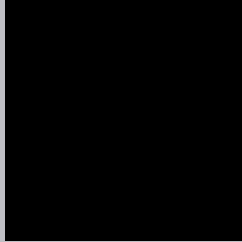
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.5700, 2.1840, -0.4999

Background



This preview shows how black text looks on a background with the YUV color 191.5700, 2.1840, -0.4999.



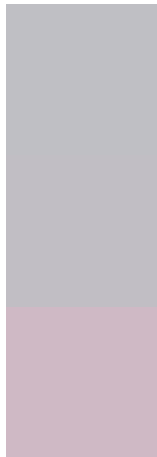
This preview shows how white text looks on a background with the YUV color 191.5700, 2.1840,

-0.4999.

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

191.5700, 2.1840, -0.4999

Protanopia

191.5810, 2.1786, 1.2445

Deuteranopia

192.9460, 1.9986, 12.3254



Tritanopia

192.3080, 6.2572, -0.2701

Trichromacy



Original Color

191.5700, 2.1840, -0.4999

Protanomaly

191.2820, 2.3260, 0.6297

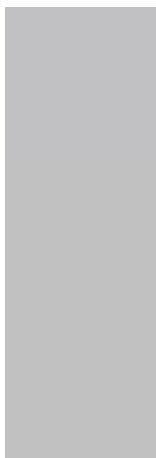
Deuteranomaly

192.3260, 2.3043, 7.6071

Tritanomaly

191.9660, 4.9468, 0.0298

Monochromacy



Original Color

191.5700, 2.1840, -0.4999

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.5700, 2.1840, -0.4999 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(191, 191, 196)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 196)  
}
```

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(191, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 196) }
```

Border

The CSS property to change the border of an element to YUV 191.5700, 2.1840, -0.4999 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(191, 191, 196) }
```


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

```
.border{ border-color:rgb(191, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 191.5700, 2.1840, -0.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 196) }
```

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

```
.background{ background-color: rgb(191,  
191, 196) }
```

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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