

Converting Colors

YUV(193.1790, 1.8838, 2.4740)

Have a look what the booklet for
YUV(193.1790, 1.8838, 2.4740)
contains.

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Color

**YUV(193.1790, 1.8838,
2.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BFC5
RGB	196, 191, 197
RGB Percent	77%, 75%, 77%
CMY	0.2314, 0.2510, 0.2275
CMYK	0.01, 0.03, 0.00, 0.23
HSL	290°, 5%, 76%
HSV	290°, 3%, 77%
XYZ	51.4738, 53.0286, 60.3459
YIQ	193.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

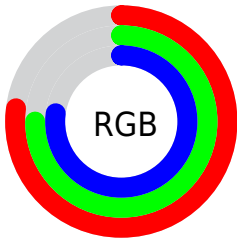
Format	Color
RYB	196, 191, 197
Decimal	12894149
CIELab	77.89, 2.85, -2.40
CIELCh	78, 3.725, 319.878
Yxy	53.0286, 0.3122, 0.3217
Android (android.graphics.Color)	4291084229 (0xFFC4BFC5)
YUV	193.1790, 1.8838, 2.4740
Hunter-Lab	72.8207, -1.2624, 1.8414

Details

The YUV color **193.1790, 1.8838, 2.4740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194.8210, -1.8838, -2.4740**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.5920, 2.1731, 2.9888**, and **139.7660, 1.5944, 1.9592** is the 20% darker color. If you saturate the color by 10%, you get **180.5420, 8.1138, 10.9257**, and if you desaturate by 10%, it is **205.8160, -4.3463, -5.9776**.

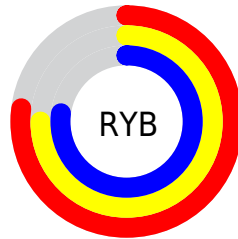
Distribution



Red (77%)

Green (75%)

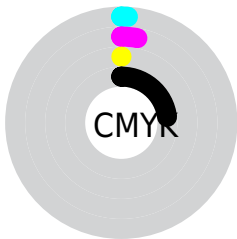
Blue (77%)



Red (77%)

Yellow (75%)

Blue (77%)

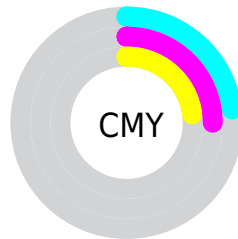


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1790, 1.8838, 2.4740 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 193.1790, 1.8838, 2.4740 by changing the saturation by 10% instead.

■ 193.1790, 1.8838,
2.4740

■ 193.1790, 1.8838,
2.4740

255.0000, 0.0000,
0.0000

■ 166.1790, 1.8838,
2.4740

■ 249.5920, 2.1731,
2.9888

■ 139.7660, 1.5944,
1.9592

■ 114.1790, 1.8838,
2.4740

■ 89.7660, 1.5944,
1.9592

■ 66.7660, 1.5944,
1.9592

■ 44.3530, 1.3050,
1.4444

■ 23.6520, 1.1576,

2.0592

0.0000, 0.0000,
0.0000

193.1790, 1.8838,
2.4740

193.1790, 1.8838,
2.4740

180.5420, 8.1138,
10.9257

205.8160, -4.3463,
-5.9776

168.1930, 14.2019,
18.2477

218.1650,
-10.4343, -13.2997

155.5560, 20.4319,
26.6994

230.8020,
-16.6644, -21.7514

142.9190, 26.6619,
35.1510

234.6340,
-18.5536, -22.4810

130.8690, 32.6026,
43.0879

235.5310,
-18.9958, -20.6367

■ 117.9330, 38.9800,
50.9248

■ 236.7270,
-19.5854, -18.1776

■ 105.2960, 45.2101,
59.3764

■ 237.6240,
-20.0276, -16.3332

■ 92.6590, 51.4401,
67.8281

■ 238.5210,
-20.4699, -14.4889

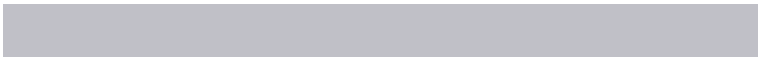
■ 80.3100, 57.5282,
75.1501

■ 239.7170,
-21.0595, -12.0298

Harmonies

Analogous

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



192.7980, 3.0576, -0.6998



193.1790, 1.8838, 2.4740



193.1470, 0.4205, 5.1331

Triad

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



193.1790, 1.8838, 2.4740



192.8110, -3.3578, 3.6738



191.7110, 1.6215, -6.7625

Complementary

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



193.1790, 1.8838, 2.4740



194.8210, -1.8838, -2.4740

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.



191.8530, -0.4205, -5.1331



193.1790, 1.8838, 2.4740



192.2020, -3.0576, 0.6998

Square

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



193.1790, 1.8838, 2.4740



193.2350, -3.0739, 5.9329



191.8210, -1.8838, -2.4740



191.7650, 3.0739, -5.9329

Rectangle

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



193.1790, 1.8838, 2.4740



193.1040, -1.0373, 6.0478



191.8210, -1.8838, -2.4740



191.8960, 1.0373, -6.0478

Sweetspot

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



193.1790, 1.8838, 2.4740



253.2390, 0.8682, 1.5444



192.2710, 2.3314, -1.1147



126.5270, 0.7262, 0.4148



0.0000, 0.0000, 0.0000



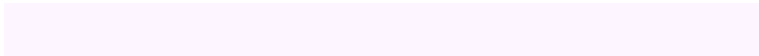
128.0000, 0.0000, 0.0000

Same Dimension

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



193.1790, 1.8838, 2.4740



248.5320, 3.1887, 3.9184



193.2500, 0.8628, 3.2888



96.0650, 1.4470, 2.5740



59.2460, 51.1507, 67.3133



13.0740, 11.3025, 14.8441

Inverse Universe

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



192.9080, -0.4476, 3.5887



248.1040, -1.0373, 6.0478



194.7500, -0.8628, -3.2887



95.6090, -0.3002, 2.9739



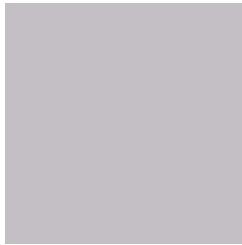
51.8150, -12.2338, 97.5092



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 193.1790, 1.8838, 2.4740 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 193.1790, 1.8838, 2.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

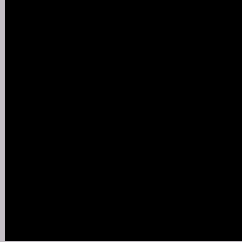
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

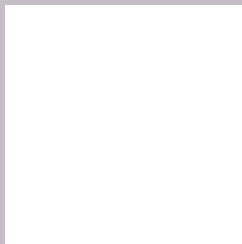
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.1790, 1.8838, 2.4740

Background



This preview shows how black text looks on a background with the YUV color 193.1790, 1.8838, 2.4740.



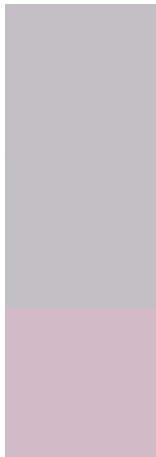
This preview shows how white text looks on a background with the YUV color 193.1790, 1.8838,

2.4740.

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

193.1790, 1.8838, 2.4740

Protanopia

192.5810, 2.1786, 1.2445

Deuteranopia

194.8320, 1.5618, 12.4253



Tritanopia

193.8030, 5.5201, 2.8038

Trichromacy



Original Color

193.1790, 1.8838, 2.4740

Protanomaly

192.8800, 2.0312, 1.8592

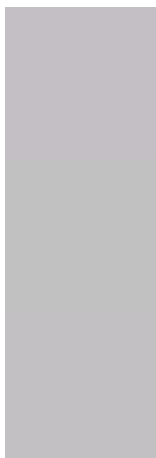
Deuteranomaly

193.9240, 2.0095, 8.8367

Tritanomaly

193.4610, 4.2097, 3.1037

Monochromacy



Original Color

193.1790, 1.8838, 2.4740

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1790, 1.8838, 2.4740 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(196, 191, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 197)  
}
```

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(196, 191, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 197) }
```

Border

The CSS property to change the border of an element to YUV 193.1790, 1.8838, 2.4740 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(196, 191, 197) }
```


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

```
.border{ border-color:rgb(196, 191, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 191, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 193.1790, 1.8838, 2.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 197) }
```

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

```
.background{ background-color: rgb(196,  
191, 197) }
```

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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