

Converting Colors

YUV(193.8690, 2.0366, 0.1149)

Have a look what the booklet for
YUV(193.8690, 2.0366, 0.1149)
contains.

YUV(193.8690, 2.0366, 0.1149)	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(193.8690, 2.0366,
0.1149)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C1C6
RGB	194, 193, 198
RGB Percent	76%, 76%, 78%
CMY	0.2392, 0.2431, 0.2235
CMYK	0.02, 0.03, 0.00, 0.22
HSL	252°, 4%, 77%
HSV	252°, 3%, 78%
XYZ	51.5111, 53.6865, 61.0737
YIQ	193.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

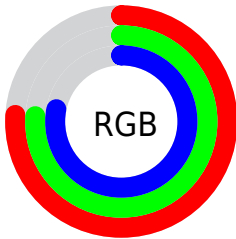
Format	Color
RYB	194, 193, 198
Decimal	12763590
CIELab	78.28, 1.28, -2.39
CIELCh	78, 2.713, 298.159
Yxy	53.6865, 0.3098, 0.3229
Android (android.graphics.Color)	4290953670 (0xFFC2C1C6)
YUV	193.8690, 2.0366, 0.1149
Hunter-Lab	73.2711, -2.7350, 1.8697

Details

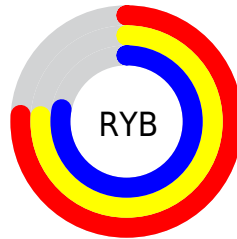
The YUV color `193.8690, 2.0366, 0.1149` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `197.1310, -2.0366, -0.1149`, and the grayscale version is `194.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `249.9830, 2.4734, 0.0149`, and `140.4560, 1.7472, -0.3999` is the 20% darker color. If you saturate the color by 10%, you get `177.3450, 10.1829, 0.5744`, and if you desaturate by 10%, it is `210.3930, -6.1097, -0.3447`.

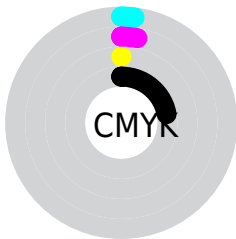
Distribution



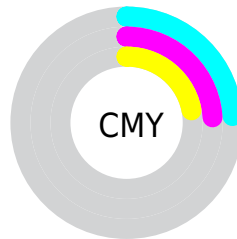
- Red (76%)
- Green (76%)
- Blue (78%)



- Red (76%)
- Yellow (76%)
- Blue (78%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8690, 2.0366, 0.1149 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 193.8690, 2.0366, 0.1149 by changing the saturation by 10% instead.

■ 193.8690, 2.0366,
0.1149

■ 193.8690, 2.0366,
0.1149

255.0000, 0.0000,
0.0000

■ 166.8690, 2.0366,
0.1149

■ 249.9830, 2.4734,
0.0149

■ 140.4560, 1.7472,
-0.3999

■ 114.8690, 2.0366,
0.1149

■ 90.4560, 1.7472,
-0.3999

■ 66.7550, 1.5998,
0.2149

■ 44.7550, 1.5998,
0.2149

■ 24.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 193.8690, 2.0366,
0.1149

■ 193.8690, 2.0366,
0.1149

■ 177.3450, 10.1829,
0.5744

■ 210.3930, -6.1097,
-0.3447

■ 160.8210, 18.3292,
1.0340

■ 226.9170,
-14.2561, -0.8042

■ 144.8840, 26.1862,
0.9787

■ 242.8540,
-22.1130, -0.7490

■ 128.6590, 34.1851,
2.0531

■ 248.5020,
-24.8975, 5.6987

■ 112.1350, 42.3314,
2.5126

■ 95.6110, 50.4778,
2.9722

■ 79.0870, 58.6241,
3.4317

■ 63.1500, 66.4811,
3.3765

■ 46.6260, 74.6274,
3.8360

Harmonies

Analogous

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



193.6730, 2.6262, -2.3442



193.8690, 2.0366, 0.1149



193.9510, 1.0102, 2.6740

Triad

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



193.8690, 2.0366, 0.1149



194.0390, -2.4842, 3.4738



192.6790, 0.1583, -4.1035

Complementary

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



193.8690, 2.0366, 0.1149



197.1310, -2.0366, -0.1149

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.



193.0490, -1.0102, -2.6740



193.8690, 2.0366, 0.1149



193.4410, -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.



193.8690, 2.0366, 0.1149



193.9790, -1.4686, 4.4034



193.1310, -2.0366, -0.1149



193.0210, 1.4686, -4.4034

Rectangle

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



193.8690, 2.0366, 0.1149



194.1360, 0.4260, 3.3887



193.1310, -2.0366, -0.1149



192.8640, -0.4260, -3.3887

Sweetspot

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



193.8690, 2.0366, 0.1149



252.6410, 1.1630, 0.3148



195.9180, 1.0264, -2.5591



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.



193.8690, 2.0366, 0.1149



248.5100, 3.1996, 0.4297



194.4670, 1.7418, 1.3444



95.7550, 1.5998, 0.2149



28.4490, 66.3336, 3.9912



6.1970, 14.6929, 0.7042

Inverse Universe

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



194.9510, 1.0102, 2.6740



250.0760, 1.4415, 4.3183



196.5330, -1.7418, -1.3444



96.6520, 1.1576, 2.0592



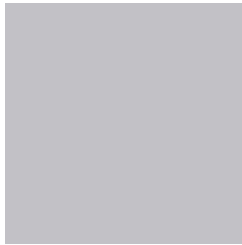
63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 193.8690, 2.0366, 0.1149 looks on a white background.

Color Contrast Check

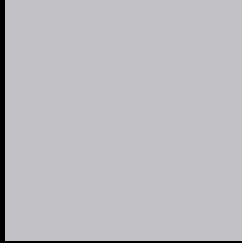
Large Text (above 18pt) WCAG AA × Fail

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 193.8690, 2.0366, 0.1149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

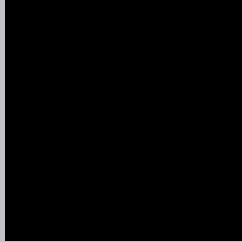
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.8690, 2.0366, 0.1149

Background



This preview shows how black text looks on a background with the YUV color 193.8690, 2.0366, 0.1149.

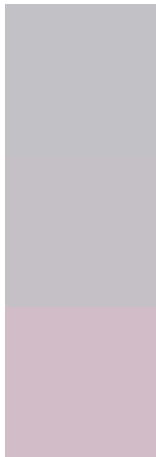


This preview shows how white text looks on a background with the YUV color 193.8690, 2.0366,

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

193.8690, 2.0366, 0.1149

Protanopia

193.8800, 2.0312, 1.8592

Deuteranopia

195.8320, 1.5618, 12.4253



Tritanopia

194.6070, 6.1097, 0.3447

Trichromacy



Original Color

193.8690, 2.0366, 0.1149

Protanomaly

193.5810, 2.1786, 1.2445

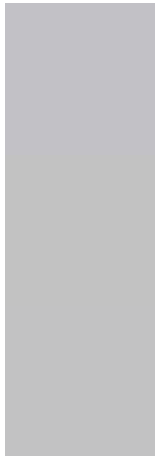
Deuteranomaly

195.2120, 1.8675, 7.7071

Tritanomaly

194.2650, 4.7994, 0.6446

Monochromacy



Original Color

193.8690, 2.0366, 0.1149

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8690, 2.0366, 0.1149 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(194, 193, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 198)  
}
```

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(194, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 198) }
```

Border

The CSS property to change the border of an element to YUV 193.8690, 2.0366, 0.1149 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(194, 193, 198) }
```


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

```
.border{ border-color:rgb(194, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 193.8690, 2.0366, 0.1149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 198) }
```

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

```
.background{ background-color: rgb(194,  
193, 198) }
```

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