Converting Colors

YUV(198.1960, -0.5896, 2.4591)

Have a look what the booklet for YUV(198.1960, -0.5896, 2.4591) contains.

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Color

YUV(198.1960, -0.5896, 2.4591)

Conversions

Conversions Part 1

Format	Color
Hex	C9C5C5
RGB	201, 197, 197
RGB Percent	79%, 77%, 77%
CMY	0.2118, 0.2275, 0.2275
CMYK	0.00, 0.02, 0.02, 0.21
HSL	0°, 4%, 78%
HSV	0°, 2%, 79%
XYZ	54.1317, 56.3812, 60.8529
YIQ	198.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

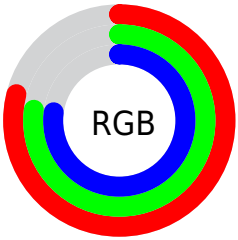
Format	Color
RYB	201, 197, 197
Decimal	13223365
CIELab	79.83, 1.39, 0.48
CIELCh	80, 1.472, 19.149
Yxy	56.3812, 0.3159, 0.3290
Android (android.graphics.Color)	4291413445 (0xFFC9C5C5)
YUV	198.1960, -0.5896, 2.4591
Hunter-Lab	75.0874, -2.7196, 4.5109

Details

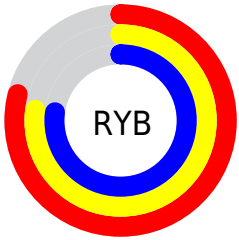
The YUV color 198.1960, -0.5896, 2.4591 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 199.8040, 0.5896, -2.4591, and the grayscale version is 198.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 254.2990, -0.1474, 0.6148, and 144.1960, -0.5896, 2.4591 is the 20% darker color. If you saturate the color by 10%, you get 184.1760, -3.5378, 14.7546, and if you desaturate by 10%, it is 212.2160, 2.3585, -9.8364.

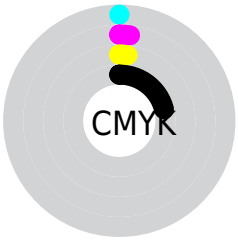
Distribution



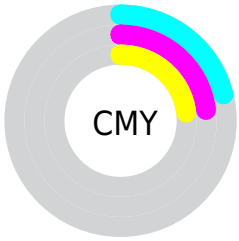
- Red (79%)
- Green (77%)
- Blue (77%)



- Red (79%)
- Yellow (77%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1960, -0.5896, 2.4591 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 198.1960, -0.5896, 2.4591 by changing the saturation by 10% instead.

198.1960, -0.5896, 2.4591

255.0000, 0.0000, 0.0000

254.2990, -0.1474, 0.6148

198.1960, -0.5896, 2.4591

171.1960, -0.5896, 2.4591

144.1960, -0.5896, 2.4591

118.8970, -0.4422, 1.8443

94.1960, -0.5896, 2.4591

70.8970, -0.4422, 1.8443

47.8970, -0.4422, 1.8443

27.0110, -0.0054,

1.7444

0.5980, -0.2948, 1.2296

0.0000, 0.0000, 0.0000

198.1960, -0.5896, 2.4591

198.1960, -0.5896, 2.4591

184.1760, -3.5378, 14.7546

212.2160, 2.3585, -9.8364

170.1560, -6.4859, 27.0502

226.2360, 5.3067, -22.1320

156.1360, -9.4340, 39.3457

238.8540, 7.9600, -33.1980

142.1160, -12.3822, 51.6413

128.0960, -15.3303, 63.9368

113.3750, -18.4259, 76.8471

99.3550, -21.3740, 89.1427

85.3350, -24.3222, 101.4382

71.3150, -27.2703, 113.7337

Harmonies

Analogous

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

198.0110, -0.0054, 1.7444

198.1960, -0.5896, 2.4591

198.0820, -1.0264, 2.5591

Triad

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

198.1960, -0.5896, 2.4591

197.1740, -0.5788, -1.0296

197.7440, 1.6052, -1.5295

Complementary

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

198.1960, -0.5896, 2.4591

199.8040, 0.5896, -2.4591

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.

197.9180, 1.0264, -2.5591

198.1960, -0.5896, 2.4591

197.5760, -0.2840, -2.2592

Square

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

198.1960, -0.5896, 2.4591

197.6580, -1.3104, 0.2999

197.8040, 0.5896, -2.4591

198.2280, 0.8736, -0.2000

Rectangle

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

198.1960, -0.5896, 2.4591

197.6690, -1.3158, 2.0443

197.8040, 0.5896, -2.4591

197.6300, 1.1684, -1.4295

Sweetspot

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

198.1960, -0.5896, 2.4591

252.8970, -0.4422, 1.8443

198.6520, 1.1576, 2.0592

126.5980, -0.2948, 1.2296

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.

198.1960, -0.5896, 2.4591

251.4950, -0.7370, 3.0739

199.3700, -1.1684, 1.4295

97.5980, -0.2948, 1.2296

48.7370, -24.0273, 100.2087

10.7640, -5.3067, 22.1320

Inverse Universe

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

199.8040, 0.5896, -2.4591

253.5050, 0.7370, -3.0739

198.6300, 1.1684, -1.4295

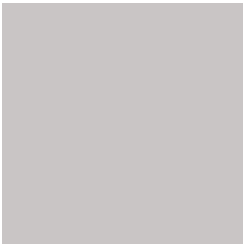
98.4020, 0.2948, -1.2296

114.2630, 24.0273, -100.2087

25.2360, 5.3067, -22.1320

Previews

White Background



This preview shows how the YUV color 198.1960, -0.5896, 2.4591 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 198.1960, -0.5896, 2.4591 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 198.1960, -0.5896, 2.4591

Background

This preview shows how black text looks on a background with the YUV color 198.1960, -0.5896, 2.4591.

This preview shows how white text looks on a background with the YUV color 198.1960, -0.5896,

2.4591.

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
198.1960, -0.5896, 2.4591

Protanopia
198.1960, -0.5896, 2.4591

Deuteranopia
200.1590, -1.0644, 14.7696

Tritanopia
199.1020, 5.3727, 3.4185

Trichromacy

Original Color
198.1960, -0.5896, 2.4591

Protanomaly
198.1960, -0.5896, 2.4591

Deuteranomaly
199.5390, -0.7587, 10.0513

Tritanomaly
198.8200, 3.0467, 2.7889

Monochromacy

Original Color
198.1960, -0.5896, 2.4591

Achromatopsia
198.0000, 0.0000, 0.0000

Achromatomaly
198.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1960, -0.5896, 2.4591 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(201, 197, 197) looks like.

```
.text, #text, p{
    color:rgb(201, 197, 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(201, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 197) }
```

Border

The CSS property to change the border of an element to YUV 198.1960, -0.5896, 2.4591 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(201, 197, 197) }
```

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

```
.border{ border-color:rgb(201, 197, 197) }
```

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

Here you see how a box with a 4 pixel rgb(201, 197, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 197, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 197, 197); box-shadow:4px 4px 4px 4px rgb(201, 197, 197) }
```

Background

The CSS property to change the background color of an element to YUV 198.1960, -0.5896, 2.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(201, 197, 197) }
```

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

```
.background{ background-color:rgb(201,
197, 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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