

Converting Colors

YUV(196.4950, -0.7370, 3.0739)

Have a look what the booklet for
YUV(196.4950, -0.7370, 3.0739)
contains.

YUV(196.4950, -0.7370, 3.0739)	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(196.4950, -0.7370,
3.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C3C3
RGB	200, 195, 195
RGB Percent	78%, 76%, 76%
CMY	0.2157, 0.2353, 0.2353
CMYK	0.00, 0.03, 0.03, 0.22
HSL	0°, 4%, 77%
HSV	0°, 3%, 78%
XYZ	53.1849, 55.2497, 59.4909
YIQ	196.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

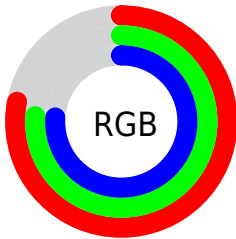
Format	Color
R _Y B	200, 195, 195
Decimal	13157315
CIE Lab	79.18, 1.74, 0.61
CIE LCh	79, 1.845, 19.256
Yxy	55.2497, 0.3167, 0.3290
Android (android.graphics.Color)	4291347395 (0xFFC8C3C3)
YUV	196.4950, -0.7370, 3.0739
Hunter-Lab	74.3301, -2.3571, 4.5778

Details

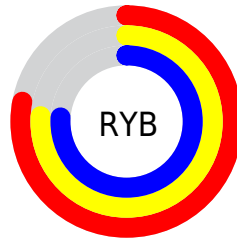
The YUV color $196.4950, -0.7370, 3.0739$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.5050, 0.7370, -3.0739$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8970, -0.4422, 1.8443$, and $142.4950, -0.7370, 3.0739$ is the 20% darker color. If you saturate the color by 10%, you get $182.4750, -3.6852, 15.3694$, and if you desaturate by 10%, it is $210.5150, 2.2111, -9.2217$.

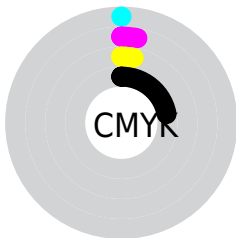
Distribution



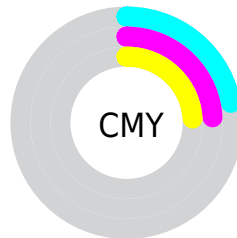
- Red (78%)
- Green (76%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4950, -0.7370, 3.0739 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 196.4950, -0.7370, 3.0739 by changing the saturation by 10% instead.

■ 196.4950, -0.7370,
3.0739

■ 196.4950, -0.7370,
3.0739

255.0000, 0.0000,
0.0000

■ 169.4950, -0.7370,
3.0739

■ 252.8970, -0.4422,
1.8443

■ 142.4950, -0.7370,
3.0739

■ 117.1960, -0.5896,
2.4591

■ 92.4950, -0.7370,
3.0739

■ 69.1960, -0.5896,
2.4591

■ 47.1960, -0.5896,
2.4591

■ 26.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 196.4950, -0.7370,
3.0739

■ 196.4950, -0.7370,
3.0739

■ 182.4750, -3.6852,
15.3694

■ 210.5150, 2.2111,
-9.2217

■ 168.4550, -6.6333,
27.6650

■ 224.5350, 5.1592,
-21.5172

■ 154.4350, -9.5815,
39.9605

■ 238.5550, 8.1074,
-33.8127

■ 140.4150,
-12.5296, 52.2560

■ 126.3950,
-15.4777, 64.5516

■ 112.3750,
-18.4259, 76.8471

■ 98.3550, -21.3740,
89.1427

■ 84.3350, -24.3222,
101.4382

■ 70.3150, -27.2703,
113.7337

Harmonies

Analogous

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



196.4240, 0.2840, 2.2592



196.4950, -0.7370, 3.0739



196.3810, -1.1738, 3.1739

Triad

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



196.4950, -0.7370, 3.0739



195.7610, -0.8682, -1.5444



195.7440, 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.



196.4950, -0.7370, 3.0739



198.5050, 0.7370, -3.0739

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.



195.7330, 1.6106, -3.2738



196.4950, -0.7370, 3.0739



195.5760, -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.



196.4950, -0.7370, 3.0739



195.6580, -1.3104, 0.2999



195.5050, 0.7370, -3.0739



196.3420, 1.3104, -0.2999

Rectangle

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



196.4950, -0.7370, 3.0739



196.5550, -1.7526, 2.1443



195.5050, 0.7370, -3.0739



196.0320, 1.4632, -2.6591

Sweetspot

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



196.4950, -0.7370, 3.0739



252.8970, -0.4422, 1.8443



197.0650, 1.4470, 2.5740



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.



196.4950, -0.7370, 3.0739



249.3920, -1.1793, 4.9182



198.2560, -1.6052, 1.5295



96.1960, -0.5896, 2.4591



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.



198.5050, 0.7370, -3.0739



252.6080, 1.1793, -4.9182



197.3310, 1.3158, -2.0443



97.8040, 0.5896, -2.4591



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Previews

White Background



This preview shows how the YUV color 196.4950, -0.7370, 3.0739 looks on a white background.

Color Contrast Check

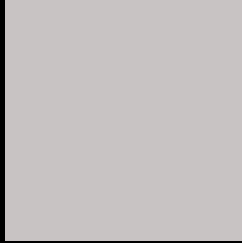
Large Text (above 18pt) WCAG AA × Fail

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 196.4950, -0.7370, 3.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

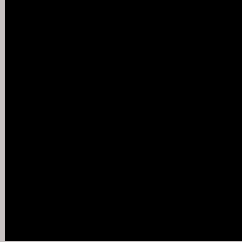
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

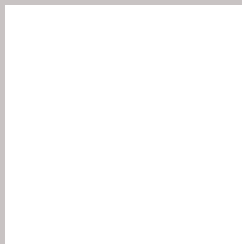
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.4950, -0.7370, 3.0739

Background



This preview shows how black text looks on a background with the YUV color 196.4950, -0.7370, 3.0739.

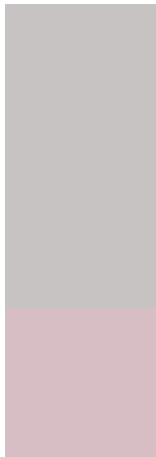


This preview shows how white text looks on a background with the YUV color 196.4950, -0.7370,

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

196.4950, -0.7370, 3.0739

Protanopia

196.4950, -0.7370, 3.0739

Deuteranopia

198.1590, -1.0644, 14.7696



Tritanopia

197.4010, 5.2253, 4.0333

Trichromacy



Original Color

196.4950, -0.7370, 3.0739

Protanomaly

196.4950, -0.7370, 3.0739

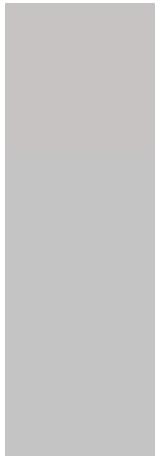
Deuteranomaly

197.8380, -0.9061, 10.6661

Tritanomaly

197.1190, 2.8993, 3.4036

Monochromacy



Original Color

196.4950, -0.7370, 3.0739

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4950, -0.7370, 3.0739 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(200, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(200, 195, 195)  
}
```

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(200, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 195, 195) }
```

Border

The CSS property to change the border of an element to YUV 196.4950, -0.7370, 3.0739 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(200, 195, 195) }
```


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

```
.border{ border-color:rgb(200, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 195,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 196.4950, -0.7370, 3.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 195, 195) }
```

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

```
.background{ background-color: rgb(200,  
195, 195) }
```

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