

Converting Colors

YUV(196.4350, 0.2785, 4.0035)

Have a look what the booklet for
YUV(196.4350, 0.2785, 4.0035)
contains.

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Color

**YUV(196.4350, 0.2785,
4.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C2C5
RGB	201, 194, 197
RGB Percent	79%, 76%, 77%
CMY	0.2118, 0.2392, 0.2275
CMYK	0.00, 0.03, 0.02, 0.21
HSL	334°, 6%, 77%
HSV	334°, 3%, 79%
XYZ	53.4572, 55.0323, 60.6281
YIQ	196.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

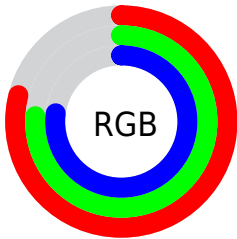
Format	Color
R _Y B	201, 194, 197
Decimal	13222597
CIE Lab	79.06, 2.98, -0.64
CIE LCh	79, 3.051, 347.847
Yxy	55.0323, 0.3161, 0.3254
Android (android.graphics.Color)	4291412677 (0xFFC9C2C5)
YUV	196.4350, 0.2785, 4.0035
Hunter-Lab	74.1838, -1.1935, 3.4727

Details

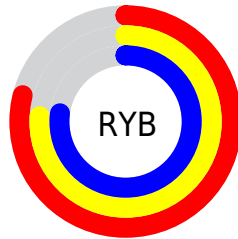
The YUV color `196.4350, 0.2785, 4.0035` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `198.5650, -0.2785, -4.0035`, and the grayscale version is `196.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `251.9510, 1.0102, 2.6740`, and `142.4350, 0.2785, 4.0035` is the 20% darker color. If you saturate the color by 10%, you get `183.4410, 1.2616, 15.3992`, and if you desaturate by 10%, it is `209.4290, -0.7045, -7.3922`.

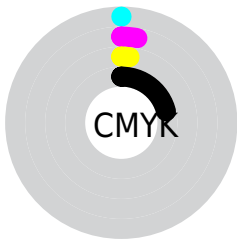
Distribution



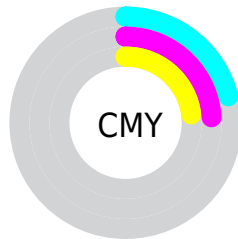
- Red (79%)
- Green (76%)
- Blue (77%)



- Red (79%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4350, 0.2785, 4.0035 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 196.4350, 0.2785, 4.0035 by changing the saturation by 10% instead.

 196.4350, 0.2785,
4.0035


 196.4350, 0.2785,
4.0035


255.0000, 0.0000,
0.0000


 169.4350, 0.2785,
4.0035

 251.9510, 1.0102,
2.6740

 142.4350, 0.2785,
4.0035

 117.1360, 0.4260,
3.3887

 92.4350, 0.2785,
4.0035

 69.1360, 0.4260,
3.3887

 46.7230, 0.1366,
2.8739

 25.8370, 0.5734,

2.7740

0.0000, 0.0000,
0.0000

196.4350, 0.2785,
4.0035

196.4350, 0.2785,
4.0035

183.4410, 1.2616,
15.3992

209.4290, -0.7045,
-7.3922

170.3330, 1.8078,
26.8950

222.5370, -1.2507,
-18.8879

157.3390, 2.7909,
38.2907

235.5310, -2.2338,
-30.2837

144.2310, 3.3371,
49.7864

237.4860, 2.7184,
-31.9982

131.2370, 4.3202,
61.1822

238.7400, 7.5232,
-33.0980

■ 117.5420, 5.1558,
73.1927

■ 238.8540, 7.9600,
-33.1980

■ 104.5480, 6.1388,
84.5884

■ 91.4400, 6.6851,
96.0841

■ 78.4460, 7.6681,
107.4799

Harmonies

Analogous

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



196.4670, 1.7418, 1.3444



196.4350, 0.2785, 4.0035



196.3920, -1.1793, 4.9182

Triad

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



196.4350, 0.2785, 4.0035



195.3160, -2.6208, 0.5999



195.2490, 2.3422, -4.6034

Complementary

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



196.4350, 0.2785, 4.0035



198.5650, -0.2785, -4.0035

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.



194.6080, 1.1793, -4.9182



196.4350, 0.2785, 4.0035



195.2340, -1.5944, -1.9592

Square

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



196.4350, 0.2785, 4.0035



195.6260, -2.7736, 2.9590



194.5650, -0.2785, -4.0035



195.3740, 2.7736, -2.9590

Rectangle

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



196.4350, 0.2785, 4.0035



196.1640, -2.0529, 5.1182



194.5650, -0.2785, -4.0035



194.8360, 2.0529, -5.1182

Sweetspot

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



196.4350, 0.2785, 4.0035



253.1250, 0.4314, 1.6444



195.9940, 2.4680, 1.7593



126.7120, 0.1420, 1.1296



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.



196.4350, 0.2785, 4.0035



248.4460, 0.2731, 5.7479



196.0930, -1.0318, 4.3034



95.8370, 0.5734, 2.7740



56.7170, 6.5485, 93.2102



12.4740, 1.2453, 20.6323

Inverse Universe

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



196.4350, 0.2785, 4.0035



248.4460, 0.2731, 5.7479



198.9070, 1.0318, -4.3034



95.8370, 0.5734, 2.7740



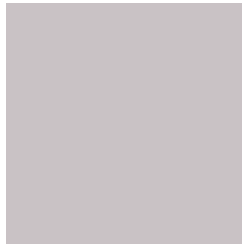
56.7170, 6.5485, 93.2102



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 196.4350, 0.2785, 4.0035 looks on a white background.

Color Contrast Check

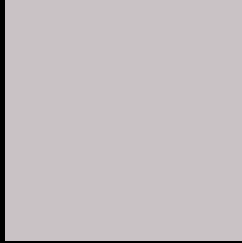
Large Text (above 18pt) WCAG AA × Fail

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 196.4350, 0.2785, 4.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

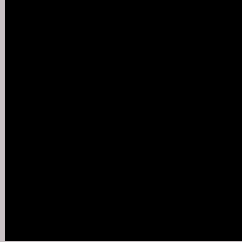
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

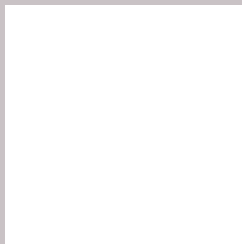
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.4350, 0.2785, 4.0035

Background



This preview shows how black text looks on a background with the YUV color 196.4350, 0.2785, 4.0035.



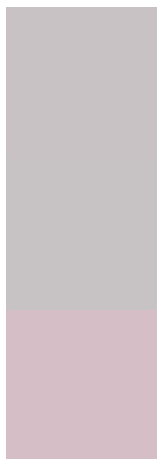
This preview shows how white text looks on a background with the YUV color 196.4350, 0.2785,

4.0035.

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

196.4350, 0.2785, 4.0035

Protanopia

196.4240, 0.2840, 2.2592

Deuteranopia

198.0880, -0.0434, 13.9548



Tritanopia

197.1130, 5.3673, 5.1629

Trichromacy



Original Color

196.4350, 0.2785, 4.0035

Protanomaly

196.7230, 0.1366, 2.8739

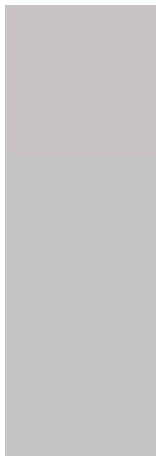
Deuteranomaly

197.1800, 0.4043, 10.3661

Tritanomaly

196.9450, 3.4781, 4.4332

Monochromacy



Original Color

196.4350, 0.2785, 4.0035

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0110, -0.0054, 1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4350, 0.2785, 4.0035 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, 194, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 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, 194, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 197) }
```

Border

The CSS property to change the border of an element to YUV 196.4350, 0.2785, 4.0035 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, 194, 197) }
```


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

```
.border{ border-color:rgb(201, 194, 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, 194, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 194, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 194, 197); box-shadow:4px 4px 4px 4px rgb(201, 194, 197) }
```

Background

The CSS property to change the background color of an element to YUV 196.4350, 0.2785, 4.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 197) }
```

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

```
.background{ background-color: rgb(201,  
194, 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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