

Converting Colors

YUV(196.8310, 3.0413, 4.5332)

Have a look what the booklet for
YUV(196.8310, 3.0413, 4.5332)
contains.

YUV(196.8310, 3.0413, 4.5332)	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(196.8310, 3.0413,
4.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC1CB
RGB	202, 193, 203
RGB Percent	79%, 76%, 80%
CMY	0.2078, 0.2431, 0.2039
CMYK	0.00, 0.05, 0.00, 0.20
HSL	294°, 9%, 78%
HSV	294°, 5%, 80%
XYZ	54.2066, 55.0083, 64.2606
YIQ	196.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

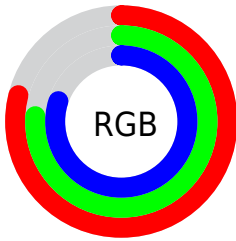
Format	Color
R _Y B	202, 193, 203
Decimal	13287883
CIE Lab	79.05, 4.96, -3.89
CIE LCh	79, 6.304, 321.914
Yxy	55.0083, 0.3125, 0.3171
Android (android.graphics.Color)	4291477963 (0xFFCAC1CB)
YUV	196.8310, 3.0413, 4.5332
Hunter-Lab	74.1676, 0.6664, 0.5470

Details

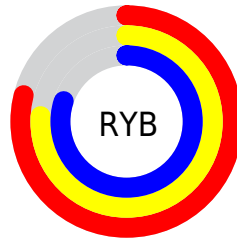
The YUV color `196.8310, 3.0413, 4.5332` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `199.1690, -3.0413, -4.5332`, and the grayscale version is `197.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `251.4780, 1.7363, 3.0888`, and `143.4180, 2.7519, 4.0184` is the 20% darker color. If you saturate the color by 10%, you get `184.4930, 9.1240, 13.5996`, and if you desaturate by 10%, it is `209.1690, -3.0413, -4.5332`.

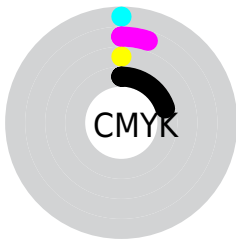
Distribution



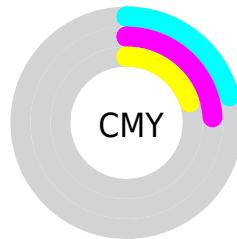
- Red (79%)
- Green (76%)
- Blue (80%)



- Red (79%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.8310, 3.0413, 4.5332 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 196.8310, 3.0413, 4.5332 by changing the saturation by 10% instead.

■ 196.8310, 3.0413,
4.5332

■ 196.8310, 3.0413,
4.5332

255.0000, 0.0000,
0.0000

■ 169.8310, 3.0413,
4.5332

■ 251.4780, 1.7363,
3.0888

■ 143.4180, 2.7519,
4.0184

■ 117.4180, 2.7519,
4.0184

■ 93.0050, 2.4625,
3.5036

■ 69.4180, 2.7519,
4.0184

■ 47.0050, 2.4625,
3.5036

■ 26.5920, 2.1731,

2.9888

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 196.8310, 3.0413,
4.5332

■ 196.8310, 3.0413,
4.5332

■ 184.4930, 9.1240,
13.5996

■ 209.1690, -3.0413,
-4.5332

■ 171.5680, 15.4960,
23.1809

■ 222.0940, -9.4133,
-14.1144

■ 159.2300, 21.5786,
32.2473

■ 234.4320,
-15.4960, -23.1809

■ 146.8920, 27.6612,
41.3137

■ 235.6170,
-16.0802, -22.4661

■ 134.5540, 33.7439,
50.3801

■ 236.2150,
-16.3750, -21.2366

■ 121.6290, 40.1159,
59.9614

■ 236.8130,
-16.6698, -20.0070

■ 109.2910, 46.1985,
69.0278

■ 237.4110,
-16.9646, -18.7774

■ 96.9530, 52.2812,
78.0942

■ 238.0090,
-17.2594, -17.5479

■ 84.0280, 58.6532,
87.6754

■ 238.6070,
-17.5543, -16.3183

Harmonies

Analogous

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



196.3680, 5.2416, -1.1997



196.8310, 3.0413, 4.5332



197.1690, 0.4097, 8.6218

Triad

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



196.8310, 3.0413, 4.5332



196.1380, -5.9840, 6.0180



194.0310, 2.9427, -10.5512

Complementary

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



196.8310, 3.0413, 4.5332



199.1690, -3.0413, -4.5332

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.



193.9450, 0.0271, -8.7218



196.8310, 3.0413, 4.5332



195.3330, -5.0942, 0.5850

Square

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



196.8310, 3.0413, 4.5332



196.5020, -4.6845, 9.2067



194.1690, -3.0413, -4.5332



194.3130, 5.2687, -9.9215

Rectangle

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



196.8310, 3.0413, 4.5332



197.1970, -2.0691, 10.3512



194.1690, -3.0413, -4.5332



193.8030, 2.0691, -10.3512

Sweetspot

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



196.8310, 3.0413, 4.5332



253.2390, 0.8682, 1.5444



194.7270, 4.0786, -1.5146



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.



196.8310, 3.0413, 4.5332



245.5970, 4.6357, 6.4924



196.6740, 1.1467, 5.5479



97.5920, 2.1731, 2.9888



63.4750, 50.5448, 75.0054



14.4980, 11.5865, 17.1033

Inverse Universe

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



196.1040, -1.0373, 6.0478



244.5990, -1.7743, 9.1217



199.3260, -1.1467, -5.5479



97.2070, -0.5951, 4.2035



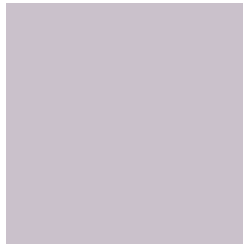
51.5720, -17.0440, 100.3534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 196.8310, 3.0413, 4.5332 looks on a white background.

Color Contrast Check

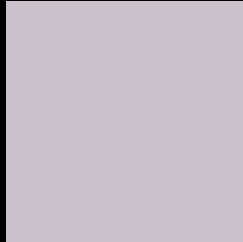
Large Text (above 18pt) WCAG AA × Fail

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 196.8310, 3.0413, 4.5332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

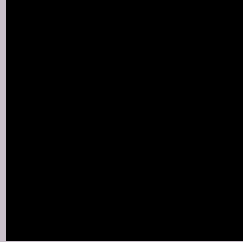
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.8310, 3.0413, 4.5332

Background



This preview shows how black text looks on a background with the YUV color 196.8310, 3.0413, 4.5332.



This preview shows how white text looks on a background with the YUV color 196.8310, 3.0413,

4.5332.

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

196.8310, 3.0413, 4.5332

Protanopia

196.6240, 3.6364, 0.3298

Deuteranopia

197.8750, 3.0196, 11.5106



Tritanopia

196.9990, 4.9305, 5.2629

Trichromacy



Original Color

196.8310, 3.0413, 4.5332

Protanomaly

196.6350, 3.6309, 2.0741

Deuteranomaly

197.5650, 3.1725, 9.1515

Tritanomaly

196.8850, 4.4937, 5.3629

Monochromacy



Original Color

196.8310, 3.0413, 4.5332

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.2390, 0.8682, 1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.8310, 3.0413, 4.5332 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(202, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 203)  
}
```

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(202, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 203) }
```

Border

The CSS property to change the border of an element to YUV 196.8310, 3.0413, 4.5332 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(202, 193, 203) }
```


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

```
.border{ border-color:rgb(202, 193, 203) }
```

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

Here you see how a box with a 4 pixel rgb(202, 193, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 196.8310, 3.0413, 4.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 203) }
```

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

```
.background{ background-color: rgb(202,  
193, 203) }
```

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