

Converting Colors

YUV(192.9000, 8.4303, 2.7187)

Have a look what the booklet for
YUV(192.9000, 8.4303, 2.7187)
contains.

YUV(192.9000, 8.4303, 2.7187)	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(192.9000, 8.4303,
2.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BCD2
RGB	196, 188, 210
RGB Percent	77%, 74%, 82%
CMY	0.2314, 0.2627, 0.1765
CMYK	0.07, 0.10, 0.00, 0.18
HSL	262°, 20%, 78%
HSV	262°, 10%, 82%
XYZ	52.3810, 52.3553, 68.3176
YIQ	192.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

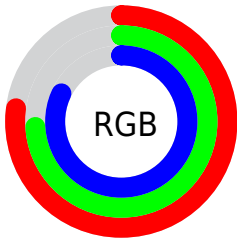
Format	Color
R_{YB}	196, 188, 210
Decimal	12893394
CIE _{Lab}	77.49, 6.95, -10.03
CIE _{LCh}	77, 12.198, 304.727
Yxy	52.3553, 0.3027, 0.3025
Android (android.graphics.Color)	4291083474 (0xFFC4BCD2)
YUV	192.9000, 8.4303, 2.7187
Hunter-Lab	72.3570, 2.5959, -5.3302

Details

The YUV color `192.9000, 8.4303, 2.7187` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `205.1000, -8.4303, -2.7187`, and the grayscale version is `193.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `247.9450, 3.4781, 4.4332`, and `139.4870, 8.1409, 2.2039` is the 20% darker color. If you saturate the color by 10%, you get `176.6860, 16.4238, 5.5374`, and if you desaturate by 10%, it is `209.1140, 0.4368, -0.1000`.

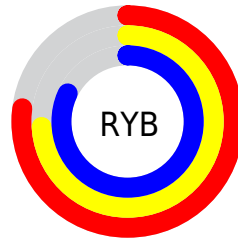
Distribution



Red (77%)

Green (74%)

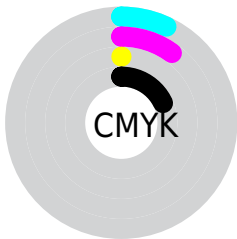
Blue (82%)



Red (77%)

Yellow (74%)

Blue (82%)

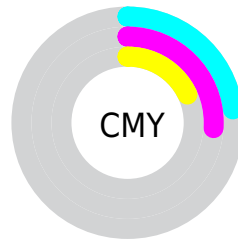


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (26%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.9000, 8.4303, 2.7187 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 192.9000, 8.4303, 2.7187 by changing the saturation by 10% instead.

■ 192.9000, 8.4303,
2.7187

■ 192.9000, 8.4303,
2.7187

255.0000, 0.0000,
0.0000

■ 165.7860, 7.9935,
2.8187

■ 247.9450, 3.4781,
4.4332

■ 139.4870, 8.1409,
2.2039

■ 114.3730, 7.7041,
2.3039

■ 89.2590, 7.2673,
2.4039

■ 65.8460, 6.9779,
1.8891

■ 43.7320, 6.5411,
1.9890

■ 23.3190, 6.2517,

1.4742

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 192.9000, 8.4303,
2.7187

■ 192.9000, 8.4303,
2.7187

■ 176.6860, 16.4238,
5.5374

■ 209.1140, 0.4368,
-0.1000

■ 160.1730, 24.5647,
7.7413

■ 225.6270, -7.7041,
-2.3039

■ 143.9590, 32.5582,
10.5600

■ 241.8410,
-15.6976, -5.1226

■ 127.7450, 40.5517,
13.3786

■ 248.0760,
-18.7715, 0.8103

■ 111.2320, 48.6926,
15.5825

■ 249.8700,
-19.6559, 4.4990

■ 95.0180, 56.6861,
18.4012

■ 78.5050, 64.8270,
20.6051

■ 62.2910, 72.8205,
23.4238

■ 46.6640, 80.5246,
25.7277

Harmonies

Analogous

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



191.5180, 11.0836, -8.3473



192.9000, 8.4303, 2.7187



193.7010, 3.5984, 12.5402

Triad

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



192.9000, 8.4303, 2.7187



192.6400, -10.6685, 15.2247



187.5630, 2.6804, -19.7878

Complementary

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



192.9000, 8.4303, 2.7187



205.1000, -8.4303, -2.7187

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.



188.2990, -3.5984, -12.5402



192.9000, 8.4303, 2.7187



190.8840, -10.7888, 7.1177

Square

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



192.9000, 8.4303, 2.7187



193.2860, -7.0430, 19.0432



189.8010, -8.2829, -3.3335



188.2190, 7.7800, -22.1171

Rectangle

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



192.9000, 8.4303, 2.7187



193.8110, 0.0932, 16.8288



189.8010, -8.2829, -3.3335



187.7050, 0.6384, -18.1583

Sweetspot

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



192.9000, 8.4303, 2.7187



248.8090, 3.0522, 1.0445



198.7260, 5.5581, -9.4067



123.2820, 2.3260, 0.6297



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.



192.9000, 8.4303, 2.7187



229.3500, 12.6455, 4.0781



196.1890, 6.8088, 9.4812



96.4500, 4.2152, 1.3594



37.3910, 64.3902, 20.7051



9.1590, 15.6976, 5.1226

Inverse Universe

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



196.1740, 2.8722, 12.1254



234.2610, 4.3083, 18.1881



201.8110, -6.8088, -9.4812



98.0870, 1.4361, 6.0627



62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 192.9000, 8.4303, 2.7187 looks on a white background.

Color Contrast Check

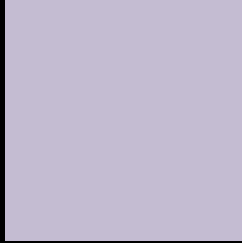
Large Text (above 18pt) WCAG AA × Fail

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 192.9000, 8.4303, 2.7187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

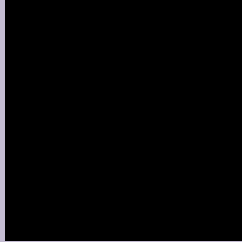
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.9000, 8.4303, 2.7187

Background



This preview shows how black text looks on a background with the YUV color 192.9000, 8.4303, 2.7187.



This preview shows how white text looks on a background with the YUV color 192.9000, 8.4303,

2.7187.

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

192.9000, 8.4303, 2.7187

Protanopia

192.0950, 9.3202, -2.7143

Deuteranopia

193.2210, 8.2720, 6.8222



Tritanopia

192.5040, 5.6675, 2.1890

Trichromacy



Original Color

192.9000, 8.4303, 2.7187

Protanomaly

192.4050, 9.1673, -0.3552

Deuteranomaly

193.2100, 8.2775, 5.0778

Tritanomaly

192.7320, 6.5411, 1.9890

Monochromacy



Original Color

192.9000, 8.4303, 2.7187

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8090, 3.0522, 1.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.9000, 8.4303, 2.7187 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(196, 188, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 210)  
}
```

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(196, 188, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 210) }
```

Border

The CSS property to change the border of an element to YUV 192.9000, 8.4303, 2.7187 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(196, 188, 210) }
```


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

```
.border{ border-color:rgb(196, 188, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 192.9000, 8.4303, 2.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 210) }
```

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

```
.background{ background-color: rgb(196,  
188, 210) }
```

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