

Converting Colors

YUV(203.9450, 0.0271, -8.7218)

Have a look what the booklet for
YUV(203.9450, 0.0271, -8.7218)
contains.

YUV(203.9450, 0.0271, -8.7218)	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(203.9450, 0.0271,
-8.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D1CC
RGB	194, 209, 204
RGB Percent	76%, 82%, 80%
CMY	0.2392, 0.1804, 0.2000
CMYK	0.07, 0.00, 0.02, 0.18
HSL	160°, 14%, 79%
HSV	160°, 7%, 82%
XYZ	55.9477, 61.4299, 66.0351
YIQ	203.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

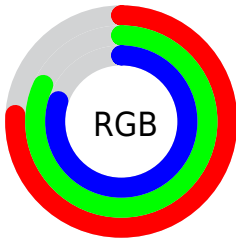
Format	Color
RYB	194, 203, 209
Decimal	12767692
CIELab	82.61, -6.00, 0.72
CIELCh	83, 6.048, 173.119
Yxy	61.4299, 0.3050, 0.3349
Android (android.graphics.Color)	4290957772 (0xFFC2D1CC)
YUV	203.9450, 0.0271, -8.7218
Hunter-Lab	78.3772, -9.7423, 4.9105

Details

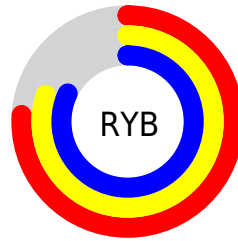
The YUV color $203.9450, 0.0271, -8.7218$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $199.0550, -0.0271, 8.7218$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $149.9450, 0.0271, -8.7218$ is the 20% darker color. If you saturate the color by 10%, you get $196.8680, 0.0651, -20.9322$, and if you desaturate by 10%, it is $211.0220, -0.0108, 3.4887$.

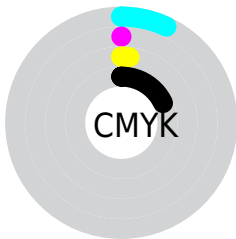
Distribution



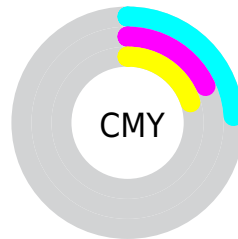
- Red (76%)
- Green (82%)
- Blue (80%)



- Red (76%)
- Yellow (80%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.9450, 0.0271, -8.7218 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 203.9450, 0.0271, -8.7218 by changing the saturation by 10% instead.

■ 203.9450, 0.0271,
-8.7218

■ 203.9450, 0.0271,
-8.7218

255.0000, 0.0000,
0.0000

■ 176.3580, 0.3165,
-8.2070

■ 253.8040, 0.5896,
-2.4591

■ 149.9450, 0.0271,
-8.7218

■ 124.2440, -0.1203,
-8.1070

■ 99.2440, -0.1203,
-8.1070

■ 74.9560, 0.0217,
-6.9774

■ 52.6570, 0.1691,
-7.5922

■ 31.3690, 0.3111,

-6.4626

■ 9.0160, -0.9939,
-7.9070

■ 0.0000, 0.0000,
0.0000

■ 203.9450, 0.0271,
-8.7218

■ 203.9450, 0.0271,
-8.7218

■ 196.8680, 0.0651,
-20.9322

■ 211.0220, -0.0108,
3.4887

■ 189.7910, 0.1030,
-33.1427

■ 218.0990, -0.0488,
15.6992

■ 182.7140, 0.1410,
-45.3532

■ 224.5780, 0.2080,
26.6801

■ 175.6370, 0.1790,
-57.5636

■ 225.3760, 3.2656,
25.9802

■ 168.8590, 0.0695,
-69.1593

■ 226.1740, 6.3232,
25.2804

■ 161.7820, 0.1075,
-81.3698

■ 226.9720, 9.3808,
24.5806

■ 154.7050, 0.1454,
-93.5803

■ 227.7700, 12.4384,
23.8807

■ 147.6280, 0.1834,
-105.7908

■ 227.9980, 13.3120,
23.6808

■ 140.5510, 0.2214,
-118.0012

Harmonies

Analogous

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



204.2830, -2.6045, -4.6332



203.9450, 0.0271, -8.7218



204.0310, 2.9427, -10.5512

Triad

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



203.9450, 0.0271, -8.7218



206.2540, 4.8048, -1.0998



206.5020, -4.6845, 9.2067

Complementary

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



203.9450, 0.0271, -8.7218



199.0550, -0.0271, 8.7218

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.



206.6700, -2.7953, 9.9364



203.9450, 0.0271, -8.7218



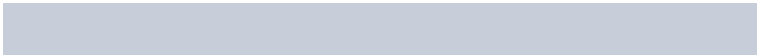
206.7170, 2.6045, 4.6332

Square

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



203.9450, 0.0271, -8.7218



205.1610, 5.8366, -5.4032



207.0550, -0.0271, 8.7218



205.8390, -5.8366, 5.4032

Rectangle

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



203.9450, 0.0271, -8.7218



204.0850, 4.3951, -9.7215



207.0550, -0.0271, 8.7218



206.9150, -4.3951, 9.7215

Sweetspot

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



203.9450, 0.0271, -8.7218



253.2770, -0.1366, -2.8739



204.3000, -5.0779, -4.6481



126.9890, 0.0054, -1.7444



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.



203.9450, 0.0271, -8.7218



247.2110, -0.1040, -13.3400



203.3410, 2.7899, -8.1921



101.2550, -0.1257, -6.3626



111.3840, 0.3037, -97.6838



27.1450, -0.0715, -23.8062

Inverse Universe

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



199.0550, -0.0271, 8.7218



239.7890, 0.1040, 13.3400



199.6590, -2.7899, 8.1921



97.7450, 0.1257, 6.3626



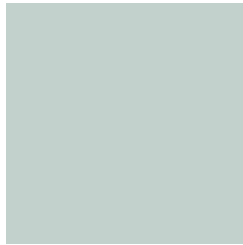
56.6160, -0.3037, 97.6838



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 203.9450, 0.0271, -8.7218 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 203.9450, 0.0271, -8.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

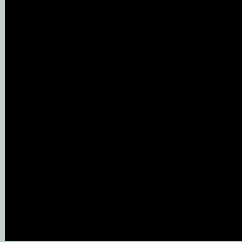
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

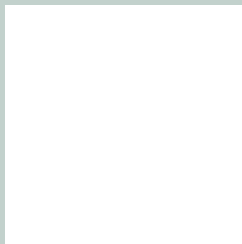
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.9450, 0.0271, -8.7218

Background



This preview shows how black text looks on a background with the YUV color 203.9450, 0.0271, -8.7218.



This preview shows how white text looks on a background with the YUV color 203.9450, 0.0271, -8.7218.

-8.7218.

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

203.9450, 0.0271, -8.7218

Protanopia

205.4520, -2.1948, 3.9886

Deuteranopia

207.5720, -0.7750, 15.2844



Tritanopia

205.2470, 8.7522, -7.2326

Trichromacy



Original Color

203.9450, 0.0271, -8.7218

Protanomaly

204.9460, -1.4524, -0.8296

Deuteranomaly

206.5170, -0.7479, 6.5626

Tritanomaly

204.7370, 5.5527, -7.6623

Monochromacy



Original Color

203.9450, 0.0271, -8.7218

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9780, 0.0108, -3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9450, 0.0271, -8.7218 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(194, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 204)  
}
```

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(194, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 204) }
```

Border

The CSS property to change the border of an element to YUV 203.9450, 0.0271, -8.7218 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(194, 209, 204) }
```


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

```
.border{ border-color:rgb(194, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 209,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 203.9450, 0.0271, -8.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 204) }
```

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

```
.background{ background-color: rgb(194,  
209, 204) }
```

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