

Converting Colors

YUV(202.5310, 4.6682, -3.9737)

Have a look what the booklet for
YUV(202.5310, 4.6682, -3.9737)
contains.

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Color

**YUV(202.5310, 4.6682,
-3.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CBD4
RGB	198, 203, 212
RGB Percent	78%, 80%, 83%
CMY	0.2235, 0.2039, 0.1686
CMYK	0.07, 0.04, 0.00, 0.17
HSL	219°, 14%, 80%
HSV	219°, 7%, 83%
XYZ	56.5283, 59.4711, 70.7871
YIQ	202.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

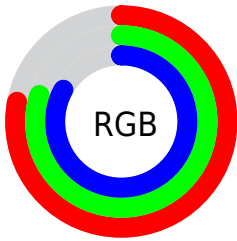
Format	Color
R_{YB}	198, 202, 212
Decimal	13028308
CIE _{Lab}	81.55, 0.01, -5.07
CIE _{LCh}	82, 5.069, 270.079
Yxy	59.4711, 0.3026, 0.3184
Android (android.graphics.Color)	4291218388 (0xFFC6CBD4)
YUV	202.5310, 4.6682, -3.9737
Hunter-Lab	77.1175, -4.1124, -0.4407

Details

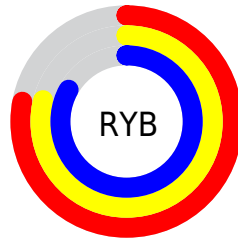
The YUV color $202.5310, 4.6682, -3.9737$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.4690, -4.6682, 3.9737$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $148.4170, 4.2314, -3.8737$ is the 20% darker color. If you saturate the color by 10%, you get $188.0340, 11.8152, -9.6768$, and if you desaturate by 10%, it is $217.0280, -2.4788, 1.7294$.

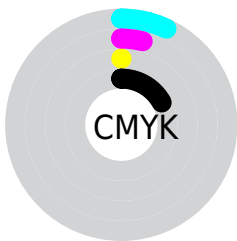
Distribution



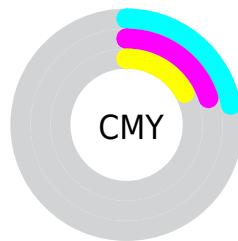
- Red (78%)
- Green (80%)
- Blue (83%)



- Red (78%)
- Yellow (79%)
- Blue (83%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5310, 4.6682, -3.9737 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 202.5310, 4.6682, -3.9737 by changing the saturation by 10% instead.

■ 202.5310, 4.6682,
-3.9737

■ 202.5310, 4.6682,
-3.9737

255.0000, 0.0000,
0.0000

■ 175.4170, 4.2314,
-3.8737

■ 148.4170, 4.2314,
-3.8737

■ 122.7160, 4.0840,
-3.2589

■ 97.7160, 4.0840,
-3.2589

■ 74.3030, 3.7946,
-3.7737

■ 51.6020, 3.6472,
-3.1590

■ 30.4880, 3.2104,

-3.0590

■ 5.4600, 5.6892,
-4.7884

■ 0.0000, 0.0000,
0.0000

■ 202.5310, 4.6682,
-3.9737

■ 202.5310, 4.6682,
-3.9737

■ 188.0340, 11.8152,
-9.6768

■ 217.0280, -2.4788,
1.7294

■ 174.1240, 18.6729,
-15.8947

■ 230.9380, -9.3364,
7.9474

■ 159.3280, 25.9673,
-22.2127

■ 243.6410,
-15.5990, 9.9618

■ 144.8310, 33.1143,
-27.9158

■ 250.0980,
-18.7823, 4.2991

■ 130.9210, 39.9719,
-34.1337

■ 116.4240, 47.1190,
-39.8368

■ 102.5140, 53.9766,
-46.0548

■ 87.7180, 61.2710,
-52.3727

■ 73.2210, 68.4180,
-58.0758

Harmonies

Analogous

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



201.5090, 4.6791, -7.4624



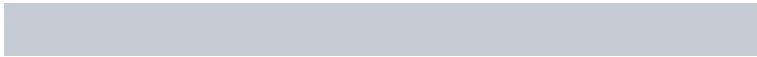
202.5310, 4.6682, -3.9737



203.0370, 3.9258, 0.8446

Triad

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



202.5310, 4.6682, -3.9737



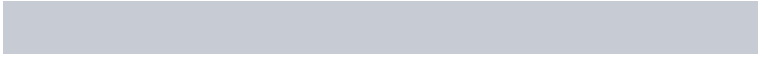
203.6590, -2.7899, 8.1921



201.5110, -1.7309, -4.8331

Complementary

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



202.5310, 4.6682, -3.9737



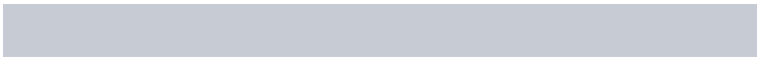
207.4690, -4.6682, 3.9737

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.



201.9630, -3.9258, -0.8446



202.5310, 4.6682, -3.9737



203.3060, -4.0949, 6.7476

Square

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



202.5310, 4.6682, -3.9737



203.9300, -0.4585, 7.0774



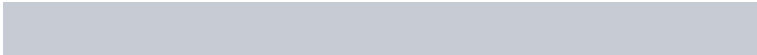
202.4690, -4.6682, 3.9737



201.3580, 0.3165, -8.2070

Rectangle

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



202.5310, 4.6682, -3.9737



203.7060, 2.6099, 2.8888



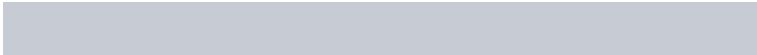
202.4690, -4.6682, 3.9737



201.8810, -2.8993, -3.4036

Sweetspot

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



202.5310, 4.6682, -3.9737



251.7440, 1.6052, -1.5295



207.2440, -0.1203, -8.1070



125.9290, 1.0210, -0.8147



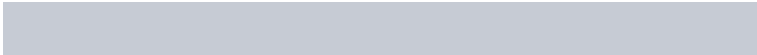
0.0000, 0.0000, 0.0000



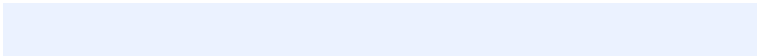
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



202.5310, 4.6682, -3.9737



241.3890, 6.7102, -5.6032



200.1940, 5.8204, -0.1701



99.6020, 3.6472, -3.1590



55.3010, 57.0396, -48.4990



13.7070, 14.4414, -12.0210

Inverse Universe

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



202.7560, 0.1203, 8.1070



241.7780, 0.1094, 11.5957



209.8060, -5.8204, 0.1701



99.7450, 0.1257, 6.3626



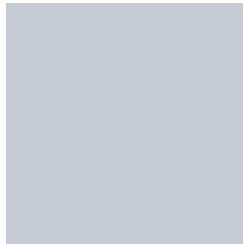
58.0830, 1.4381, 99.0282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 202.5310, 4.6682, -3.9737 looks on a white background.

Color Contrast Check

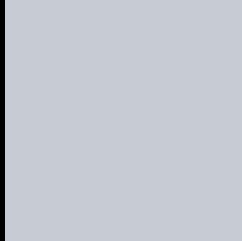
Large Text (above 18pt) WCAG AA × Fail

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 202.5310, 4.6682, -3.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

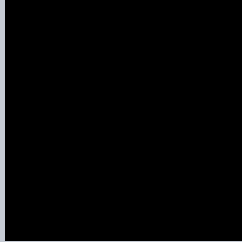
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

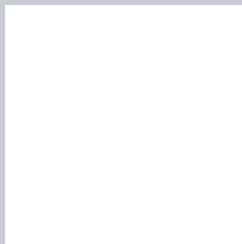
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.5310, 4.6682, -3.9737

Background



This preview shows how black text looks on a background with the YUV color 202.5310, 4.6682, -3.9737.



This preview shows how white text looks on a background with the YUV color 202.5310, 4.6682, -3.9737.

-3.9737.

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

202.5310, 4.6682, -3.9737

Protanopia

203.0370, 3.9258, 0.8446

Deuteranopia

204.8040, 4.0406, 10.6959



Tritanopia

202.9270, 7.4310, -3.4440

Trichromacy



Original Color

202.5310, 4.6682, -3.9737

Protanomaly

203.0260, 3.9312, -0.8998

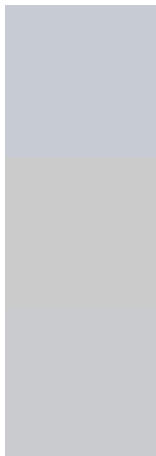
Deuteranomaly

203.8850, 4.4937, 5.3629

Tritanomaly

202.6990, 6.5574, -3.2440

Monochromacy



Original Color

202.5310, 4.6682, -3.9737

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.7440, 1.6052, -1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5310, 4.6682, -3.9737 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(198, 203, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 212)  
}
```

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(198, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 212) }
```

Border

The CSS property to change the border of an element to YUV 202.5310, 4.6682, -3.9737 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(198, 203, 212) }
```


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

```
.border{ border-color:rgb(198, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 202.5310, 4.6682, -3.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 212) }
```

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

```
.background{ background-color: rgb(198,  
203, 212) }
```

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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