

Converting Colors

YUV(212.5690, 3.6635, -8.3920)

Have a look what the booklet for
YUV(212.5690, 3.6635, -8.3920)
contains.

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Color

**YUV(212.5690, 3.6635,
-8.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD8DC
RGB	203, 216, 220
RGB Percent	80%, 85%, 86%
CMY	0.2039, 0.1529, 0.1373
CMYK	0.08, 0.02, 0.00, 0.14
HSL	194°, 20%, 83%
HSV	194°, 8%, 86%
XYZ	62.1027, 66.9756, 77.3646
YIQ	212.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

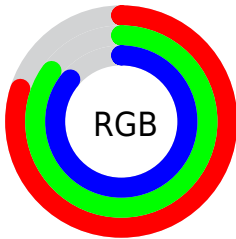
Format	Color
R _Y B	203, 210, 220
Decimal	13359324
CIE Lab	85.49, -3.59, -3.48
CIE LCh	85, 5.003, 224.098
Yxy	66.9756, 0.3008, 0.3244
Android (android.graphics.Color)	4291549404 (0xFFC8D8DC)
YUV	212.5690, 3.6635, -8.3920
Hunter-Lab	81.8386, -7.7639, 1.2383

Details

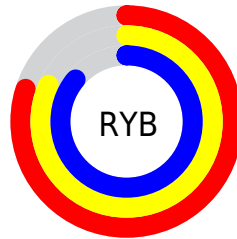
The YUV color $212.5690, 3.6635, -8.3920$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $210.4310, -3.6635, 8.3920$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $157.8680, 3.5161, -7.7772$ is the 20% darker color. If you saturate the color by 10%, you get $203.0560, 8.3534, -19.3431$, and if you desaturate by 10%, it is $222.0820, -1.0264, 2.5591$.

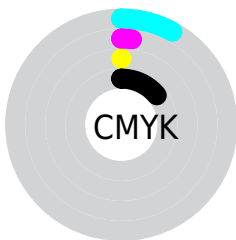
Distribution



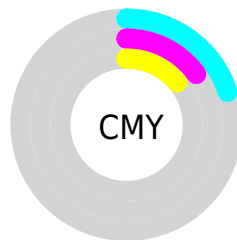
- Red (80%)
- Green (85%)
- Blue (86%)



- Red (80%)
- Yellow (82%)
- Blue (86%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.5690, 3.6635, -8.3920 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 212.5690, 3.6635, -8.3920 by changing the saturation by 10% instead.

■ 212.5690, 3.6635,
-8.3920

■ 212.5690, 3.6635,
-8.3920

255.0000, 0.0000,
0.0000

■ 184.8680, 3.5161,
-7.7772

■ 157.8680, 3.5161,
-7.7772

■ 131.8680, 3.5161,
-7.7772

■ 106.7540, 3.0793,
-7.6773

■ 82.1670, 3.3687,
-7.1625

■ 59.1670, 3.3687,
-7.1625

■ 37.3520, 2.7845,

-6.4477

■ 16.4550, 3.2267,
-8.2920

■ 0.0000, 0.0000,
0.0000

■ 212.5690, 3.6635,
-8.3920

■ 212.5690, 3.6635,
-8.3920

■ 203.0560, 8.3534,
-19.3431

■ 222.0820, -1.0264,
2.5591

■ 193.5430, 13.0433,
-30.2942

■ 231.5950, -5.7163,
13.5102

■ 183.4430, 18.0226,
-40.7305

■ 237.5090, -8.6319,
15.3396

■ 173.9300, 22.7125,
-51.6816

■ 240.4440,
-10.0789, 12.7656

■ 164.4170, 27.4024,
-62.6327

■ 243.3790,
-11.5258, 10.1916

■ 154.9040, 32.0923,
-73.5838

■ 246.3140,
-12.9728, 7.6176

■ 145.3910, 36.7822,
-84.5349

■ 249.2490,
-14.4198, 5.0436

■ 135.8780, 41.4721,
-95.4860

■ 251.0100,
-15.2879, 3.4992

■ 125.7780, 46.4514,
-105.9223

Harmonies

Analogous

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



212.7000, 1.6269, -8.5069



212.5690, 3.6635, -8.3920



213.2210, 4.8210, -6.3328

Triad

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



212.5690, 3.6635, -8.3920



214.8590, 0.5625, 6.2627



213.1590, -4.5154, 1.6146

Complementary

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



212.5690, 3.6635, -8.3920



210.4310, -3.6635, 8.3920

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.



213.5940, -4.2368, 5.6181



212.5690, 3.6635, -8.3920



214.8870, -1.9163, 7.9921

Square

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



212.5690, 3.6635, -8.3920



214.4070, 2.7573, 2.2741



214.4310, -3.6635, 8.3920



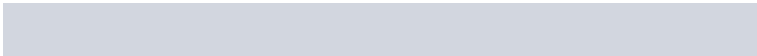
212.5930, -2.7573, -2.2741

Rectangle

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



212.5690, 3.6635, -8.3920



213.8300, 4.5208, -3.3589



214.4310, -3.6635, 8.3920



213.1700, -4.5208, 3.3589

Sweetspot

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



212.5690, 3.6635, -8.3920



252.9180, 1.0264, -2.5591



213.4350, -3.1725, -9.1515



126.5160, 0.7316, -1.3295



0.0000, 0.0000, 0.0000



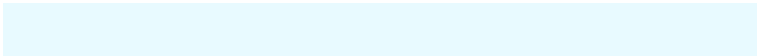
128.0000, 0.0000, 0.0000

Same Dimension

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



212.5690, 3.6635, -8.3920



245.1880, 4.8373, -11.5659



207.8730, 5.9786, -4.2736



104.9500, 2.4896, -5.2182



97.7930, 37.0771, -85.7645



25.7890, 9.9640, -22.6170

Inverse Universe

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



209.5650, 3.1725, 9.1515



240.9290, 4.4720, 12.3403



215.1270, -5.9786, 4.2736



103.2010, 1.8729, 5.9627



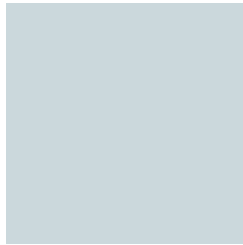
66.8890, 32.5927, 93.0593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 212.5690, 3.6635, -8.3920 looks on a white background.

Color Contrast Check

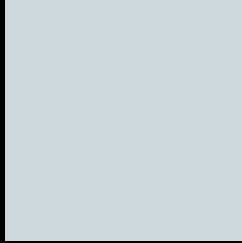
Large Text (above 18pt) WCAG AA × Fail

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 212.5690, 3.6635, -8.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

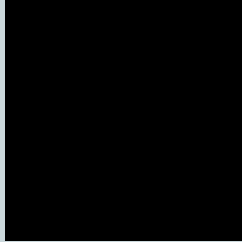
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

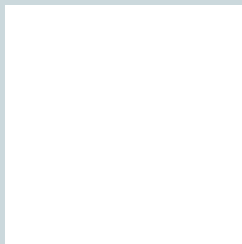
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.5690, 3.6635, -8.3920

Background



This preview shows how black text looks on a background with the YUV color 212.5690, 3.6635, -8.3920.



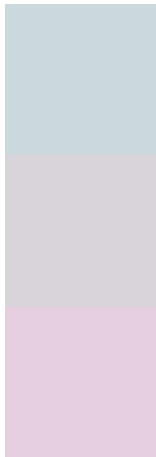
This preview shows how white text looks on a background with the YUV color 212.5690, 3.6635,

-8.3920.

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

212.5690, 3.6635, -8.3920

Protanopia

213.8800, 2.0312, 1.8592

Deuteranopia

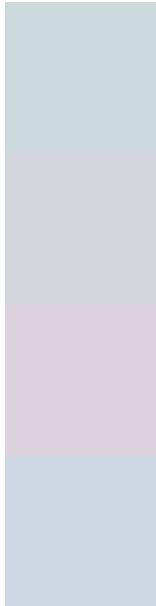
215.5870, 3.1616, 12.6402



Tritanopia

213.2470, 8.7522, -7.2326

Trichromacy



Original Color

212.5690, 3.6635, -8.3920

Protanomaly

213.0860, 2.9156, -1.8294

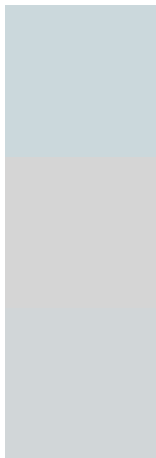
Deuteranomaly

214.2440, 3.3307, 5.0480

Tritanomaly

213.0790, 6.8631, -7.9623

Monochromacy



Original Color

212.5690, 3.6635, -8.3920

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.5690, 3.6635, -8.3920 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(203, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(203, 216, 220)  
}
```

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(203, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 216, 220) }
```

Border

The CSS property to change the border of an element to YUV 212.5690, 3.6635, -8.3920 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(203, 216, 220) }
```


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

```
.border{ border-color:rgb(203, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(203, 216,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 212.5690, 3.6635, -8.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 216, 220) }
```

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

```
.background{ background-color: rgb(203,  
216, 220) }
```

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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