

Converting Colors

YUV(216.5310, 4.6682, -3.9737)

Have a look what the booklet for
YUV(216.5310, 4.6682, -3.9737)
contains.

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Color

**YUV(216.5310, 4.6682,
-3.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D9E2
RGB	212, 217, 226
RGB Percent	83%, 85%, 89%
CMY	0.1686, 0.1490, 0.1137
CMYK	0.06, 0.04, 0.00, 0.11
HSL	219°, 19%, 86%
HSV	219°, 6%, 89%
XYZ	65.6917, 69.1137, 81.8295
YIQ	216.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

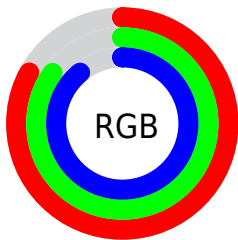
Format	Color
R _{YB}	212, 216, 226
Decimal	13949410
CIE Lab	86.56, 0.00, -5.01
CIE LCh	87, 5.008, 270.030
Yxy	69.1137, 0.3032, 0.3190
Android (android.graphics.Color)	4292139490 (0xFFD4D9E2)
YUV	216.5310, 4.6682, -3.9737
Hunter-Lab	83.1347, -4.4378, -0.1649

Details

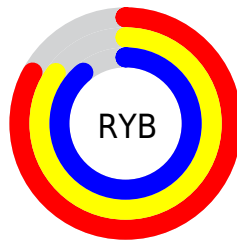
The YUV color $216.5310, 4.6682, -3.9737$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $221.4690, -4.6682, 3.9737$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.5310, 4.6682, -3.9737$ is the 20% darker color. If you saturate the color by 10%, you get $200.8490, 12.3994, -10.3916$, and if you desaturate by 10%, it is $232.2130, -3.0630, 2.4442$.

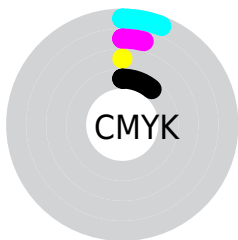
Distribution



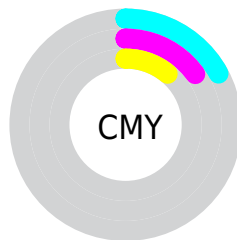
- Red (83%)
- Green (85%)
- Blue (89%)



- Red (83%)
- Yellow (85%)
- Blue (89%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5310, 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 216.5310, 4.6682, -3.9737 by changing the saturation by 10% instead.

■ 216.5310, 4.6682,
-3.9737

■ 216.5310, 4.6682,
-3.9737

255.0000, 0.0000,
0.0000

■ 188.5310, 4.6682,
-3.9737

■ 161.5310, 4.6682,
-3.9737

■ 135.4170, 4.2314,
-3.8737

■ 110.4170, 4.2314,
-3.8737

■ 85.7160, 4.0840,
-3.2589

■ 62.6020, 3.6472,
-3.1590

■ 40.6020, 3.6472,

-3.1590

■ 20.4880, 3.2104,
-3.0590

■ 0.0000, 0.0000,
0.0000

■ 216.5310, 4.6682,
-3.9737

■ 216.5310, 4.6682,
-3.9737

■ 200.8490, 12.3994,
-10.3916

■ 232.2130, -3.0630,
2.4442

■ 186.0530, 19.6939,
-16.7095

■ 246.4110,
-10.0626, 7.5326

■ 170.3710, 27.4251,
-23.1274

■ 251.6940,
-12.6671, 2.8994

■ 155.5750, 34.7195,
-29.4453

■ 139.8930, 42.4508,
-35.8632

■ 124.7980, 49.8926,
-42.7958

■ 109.4150, 57.4764,
-48.5990

■ 94.3200, 64.9182,
-55.5316

■ 78.9370, 72.5021,
-61.3347

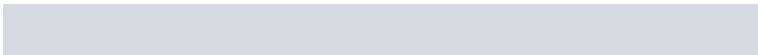
Harmonies

Analogous

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



215.5090, 4.6791, -7.4624



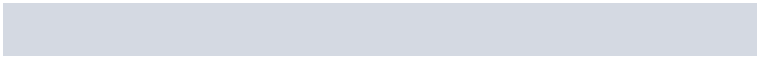
216.5310, 4.6682, -3.9737



217.0370, 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.



216.5310, 4.6682, -3.9737



217.6590, -2.7899, 8.1921



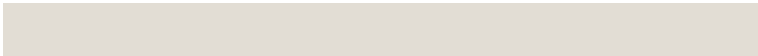
215.5110, -1.7309, -4.8331

Complementary

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



216.5310, 4.6682, -3.9737



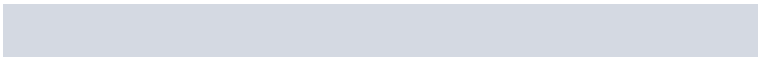
221.4690, -4.6682, 3.9737

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.



215.9630, -3.9258, -0.8446



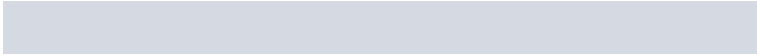
216.5310, 4.6682, -3.9737



217.3060, -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.



216.5310, 4.6682, -3.9737



217.9300, -0.4585, 7.0774



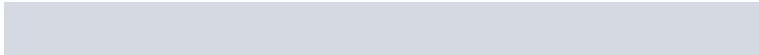
216.4690, -4.6682, 3.9737



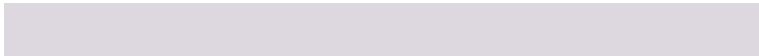
215.3580, 0.3165, -8.2070

Rectangle

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



216.5310, 4.6682, -3.9737



217.7060, 2.6099, 2.8888



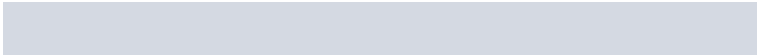
216.4690, -4.6682, 3.9737



215.8810, -2.8993, -3.4036

Sweetspot

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



216.5310, 4.6682, -3.9737



251.7440, 1.6052, -1.5295



221.2440, -0.1203, -8.1070



125.9290, 1.0210, -0.8147



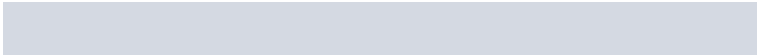
0.0000, 0.0000, 0.0000



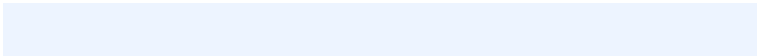
128.0000, 0.0000, 0.0000

Same Dimension

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



216.5310, 4.6682, -3.9737



243.1610, 5.8366, -5.4032



214.1940, 5.8204, -0.1701



105.7870, 3.0630, -2.4442



57.0450, 58.6448, -50.0285



15.4510, 16.0467, -13.5505

Inverse Universe

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



216.7560, 0.1203, 8.1070



243.1800, 0.4043, 10.3661



223.8060, -5.8204, 0.1701



106.0330, -0.0163, 5.2331



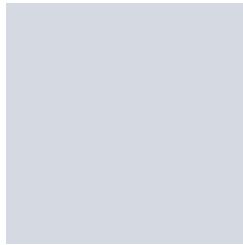
59.8060, 1.5746, 101.9021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 216.5310, 4.6682, -3.9737 looks on a white background.

Color Contrast Check

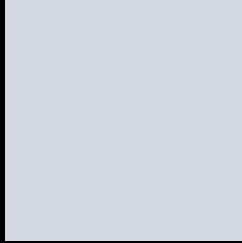
Large Text (above 18pt) WCAG AA × Fail

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 216.5310, 4.6682, -3.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

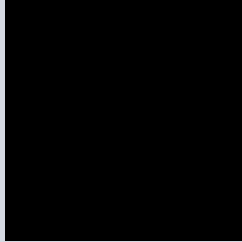
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

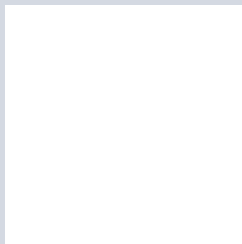
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.5310, 4.6682, -3.9737

Background



This preview shows how black text looks on a background with the YUV color 216.5310, 4.6682, -3.9737.



This preview shows how white text looks on a background with the YUV color 216.5310, 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

216.5310, 4.6682, -3.9737

Protanopia

217.0370, 3.9258, 0.8446

Deuteranopia

218.8150, 4.0352, 12.4402



Tritanopia

217.0410, 7.8678, -3.5440

Trichromacy



Original Color

216.5310, 4.6682, -3.9737

Protanomaly

217.0260, 3.9312, -0.8998

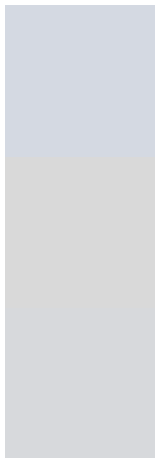
Deuteranomaly

218.1840, 4.3463, 5.9776

Tritanomaly

216.6990, 6.5574, -3.2440

Monochromacy



Original Color

216.5310, 4.6682, -3.9737

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.7440, 1.6052, -1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5310, 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(212, 217, 226)` looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 226)  
}
```

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(212, 217, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 226) }
```

Border

The CSS property to change the border of an element to YUV 216.5310, 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(212, 217, 226) }
```


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

```
.border{ border-color:rgb(212, 217, 226) }
```

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

Here you see how a box with a 4 pixel rgb(212, 217, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 217, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 217, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 217,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 216.5310, 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(212, 217, 226) }
```

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

```
.background{ background-color: rgb(212,  
217, 226) }
```

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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