

Converting Colors

YUV(216.4770, 3.2158, -4.8033)

Have a look what the booklet for
YUV(216.4770, 3.2158, -4.8033)
contains.

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Color

**YUV(216.4770, 3.2158,
-4.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DADF
RGB	211, 218, 223
RGB Percent	83%, 85%, 87%
CMY	0.1725, 0.1451, 0.1255
CMYK	0.05, 0.02, 0.00, 0.13
HSL	205°, 16%, 85%
HSV	205°, 5%, 87%
XYZ	65.2547, 69.3194, 79.7527
YIQ	216.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

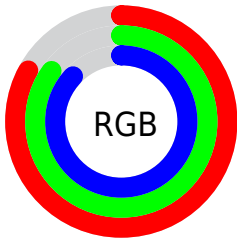
Format	Color
R _Y B	211, 215, 223
Decimal	13884127
CIE Lab	86.66, -1.42, -3.28
CIE LCh	87, 3.574, 246.628
Yxy	69.3194, 0.3045, 0.3234
Android (android.graphics.Color)	4292074207 (0xFFD3DADF)
YUV	216.4770, 3.2158, -4.8033
Hunter-Lab	83.2583, -5.8005, 1.4872

Details

The YUV color $216.4770, 3.2158, -4.8033$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $217.5230, -3.2158, 4.8033$, 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 $161.4770, 3.2158, -4.8033$ is the 20% darker color. If you saturate the color by 10%, you get $204.6160, 9.0633, -13.6952$, and if you desaturate by 10%, it is $228.3380, -2.6316, 4.0886$.

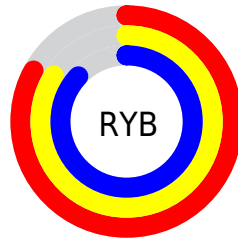
Distribution



Red (83%)

Green (85%)

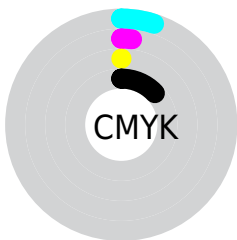
Blue (87%)



Red (83%)

Yellow (84%)

Blue (87%)

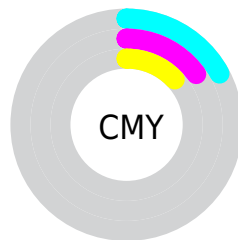


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (17%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.4770, 3.2158, -4.8033 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 216.4770, 3.2158, -4.8033 by changing the saturation by 10% instead.

■ 216.4770, 3.2158,
-4.8033

■ 216.4770, 3.2158,
-4.8033

255.0000, 0.0000,
0.0000

■ 188.4770, 3.2158,
-4.8033

■ 161.4770, 3.2158,
-4.8033

■ 135.3630, 2.7790,
-4.7034

■ 110.3630, 2.7790,
-4.7034

■ 85.6620, 2.6316,
-4.0886

■ 62.6620, 2.6316,
-4.0886

■ 40.6620, 2.6316,

-4.0886

■ 20.5480, 2.1948,
-3.9886

■ 0.0000, 0.0000,
0.0000

■ 216.4770, 3.2158,
-4.8033

■ 216.4770, 3.2158,
-4.8033

■ 204.6160, 9.0633,
-13.6952

■ 228.3380, -2.6316,
4.0886

■ 191.8690, 15.3476,
-22.6871

■ 240.7860, -8.7685,
12.4657

■ 180.0080, 21.1951,
-31.5790

■ 246.0690,
-11.3730, 7.8325

■ 168.1470, 27.0425,
-40.4709

■ 251.3520,
-13.9775, 3.1993

■ 155.9870, 33.0374,
-49.9776

■ 143.5390, 39.1743,
-58.3547

■ 131.6780, 45.0217,
-67.2466

■ 119.8170, 50.8692,
-76.1385

■ 107.0700, 57.1535,
-85.1304

Harmonies

Analogous

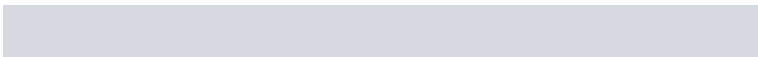
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.2380, 2.3477, -6.3477



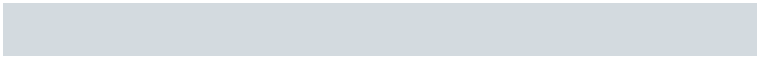
216.4770, 3.2158, -4.8033



217.2000, 3.3524, -1.9294

Triad

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



216.4770, 3.2158, -4.8033



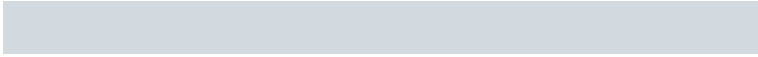
217.8050, -0.8899, 5.4330



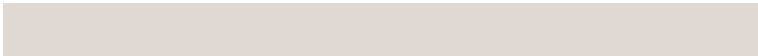
216.3050, -2.6154, -1.1445

Complementary

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



216.4770, 3.2158, -4.8033



217.5230, -3.2158, 4.8033

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.



216.8000, -3.3524, 1.9294



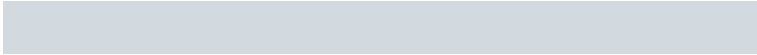
216.4770, 3.2158, -4.8033



217.4630, -2.2003, 5.7329

Square

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



216.4770, 3.2158, -4.8033



217.6630, 1.1521, 3.8035



217.5230, -3.2158, 4.8033



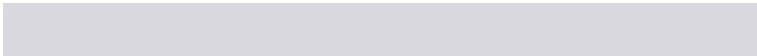
216.3370, -1.1521, -3.8035

Rectangle

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



216.4770, 3.2158, -4.8033



217.0970, 2.9102, -0.0851



217.5230, -3.2158, 4.8033



216.6040, -2.7628, -0.5297

Sweetspot

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



216.4770, 3.2158, -4.8033



252.3310, 1.3158, -2.0443



218.6140, -1.2887, -6.6775



125.9290, 1.0210, -0.8147



0.0000, 0.0000, 0.0000



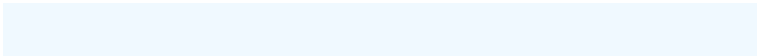
128.0000, 0.0000, 0.0000

Same Dimension

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



216.4770, 3.2158, -4.8033



246.9930, 3.9475, -6.1329



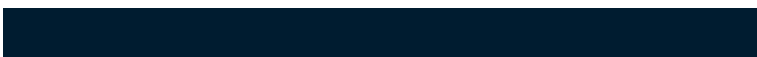
212.9550, 4.9522, -1.7145



107.8470, 2.0474, -3.3738



80.5250, 47.0692, -70.6204



21.9080, 12.8634, -19.2133

Inverse Universe

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



215.3860, 1.2887, 6.6775



245.5110, 1.7201, 8.3219



221.0450, -4.9522, 1.7145



106.9620, 1.0047, 4.4183



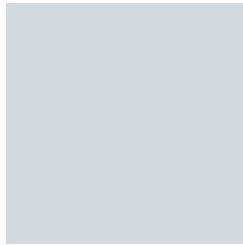
64.3660, 19.0466, 97.9030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 216.4770, 3.2158, -4.8033 looks on a white background.

Color Contrast Check

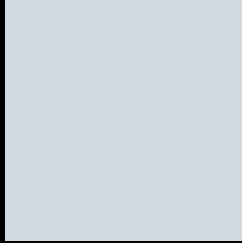
Large Text (above 18pt) WCAG AA × Fail

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 216.4770, 3.2158, -4.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

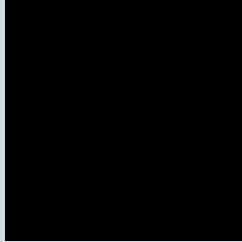
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

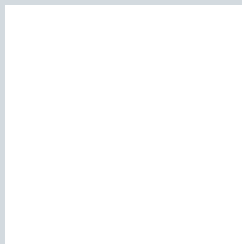
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.4770, 3.2158, -4.8033

Background



This preview shows how black text looks on a background with the YUV color 216.4770, 3.2158, -4.8033.



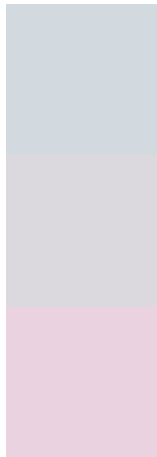
This preview shows how white text looks on a background with the YUV color 216.4770, 3.2158,

-4.8033.

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

216.4770, 3.2158, -4.8033

Protanopia

217.5810, 2.1786, 1.2445

Deuteranopia

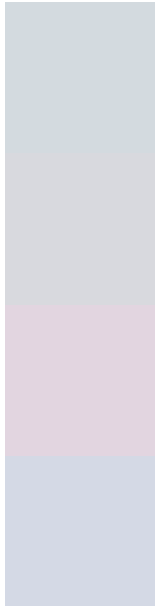
218.8860, 3.0142, 13.2550



Tritanopia

217.0410, 7.8678, -3.5440

Trichromacy



Original Color

216.4770, 3.2158, -4.8033

Protanomaly

217.2710, 2.3314, -1.1147

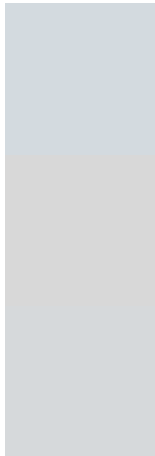
Deuteranomaly

218.1410, 2.8885, 6.8923

Tritanomaly

216.8730, 5.9786, -4.2736

Monochromacy



Original Color

216.4770, 3.2158, -4.8033

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.3310, 1.3158, -2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.4770, 3.2158, -4.8033 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(211, 218, 223)` looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 223)  
}
```

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(211, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 223) }
```

Border

The CSS property to change the border of an element to YUV 216.4770, 3.2158, -4.8033 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(211, 218, 223) }
```


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

```
.border{ border-color:rgb(211, 218, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 218, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 218, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 218, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 218,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 216.4770, 3.2158, -4.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 218, 223) }
```

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

```
.background{ background-color: rgb(211,  
218, 223) }
```

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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