

Converting Colors

YUV(218.9010, 3.4998, -2.5442)

Have a look what the booklet for
YUV(218.9010, 3.4998, -2.5442)
contains.

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Color

**YUV(218.9010, 3.4998,
-2.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DBE2
RGB	216, 219, 226
RGB Percent	85%, 86%, 89%
CMY	0.1529, 0.1412, 0.1137
CMYK	0.04, 0.03, 0.00, 0.11
HSL	222°, 15%, 87%
HSV	222°, 4%, 89%
XYZ	67.3779, 70.7530, 82.0570
YIQ	218.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

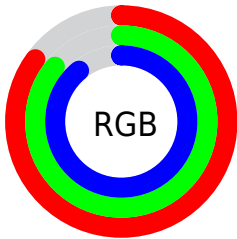
Format	Color
R _Y B	216, 218, 226
Decimal	14212066
CIE Lab	87.36, 0.29, -3.79
CIE LCh	87, 3.800, 274.308
Yxy	70.7530, 0.3060, 0.3213
Android (android.graphics.Color)	4292402146 (0xFFD8DBE2)
YUV	218.9010, 3.4998, -2.5442
Hunter-Lab	84.1148, -4.2182, 1.0408

Details

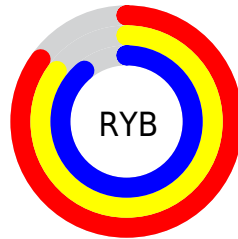
The YUV color $218.9010, 3.4998, -2.5442$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $223.0990, -3.4998, 2.5442$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.9010, 3.4998, -2.5442$ is the 20% darker color. If you saturate the color by 10%, you get $202.6320, 11.5204, -8.4473$, and if you desaturate by 10%, it is $235.1700, -4.5208, 3.3589$.

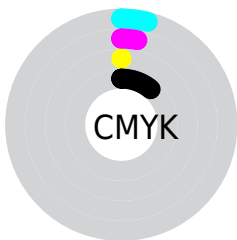
Distribution



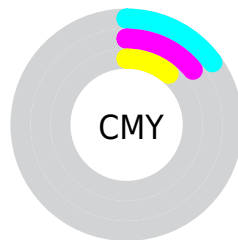
- Red (85%)
- Green (86%)
- Blue (89%)



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



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.9010, 3.4998, -2.5442 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 218.9010, 3.4998, -2.5442 by changing the saturation by 10% instead.

■ 218.9010, 3.4998,
-2.5442

■ 218.9010, 3.4998,
-2.5442

255.0000, 0.0000,
0.0000

■ 190.9010, 3.4998,
-2.5442

■ 163.9010, 3.4998,
-2.5442

■ 137.7870, 3.0630,
-2.4442

■ 112.2000, 3.3524,
-1.9294

■ 87.7870, 3.0630,
-2.4442

■ 64.6730, 2.6262,
-2.3442

■ 42.6730, 2.6262,

-2.3442

■ 21.9720, 2.4788,
-1.7294

■ 0.0000, 0.0000,
0.0000

■ 218.9010, 3.4998,
-2.5442

■ 218.9010, 3.4998,
-2.5442

■ 202.6320, 11.5204,
-8.4473

■ 235.1700, -4.5208,
3.3589

■ 186.6620, 19.3936,
-13.7356

■ 249.3460,
-11.5096, 4.9586

■ 170.9800, 27.1249,
-20.1535

■ 251.6940,
-12.6671, 2.8994

■ 155.0100, 34.9981,
-25.4418

■ 138.7410, 43.0187,
-31.3449

■ 122.4720, 51.0393,
-37.2479

■ 106.5020, 58.9125,
-42.5363

■ 90.2330, 66.9331,
-48.4393

■ 74.8500, 74.5170,
-54.2424

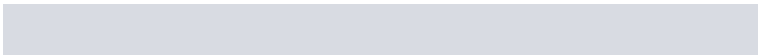
Harmonies

Analogous

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



218.1780, 3.3632, -5.4181



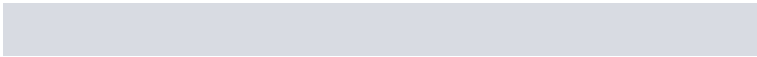
218.9010, 3.4998, -2.5442



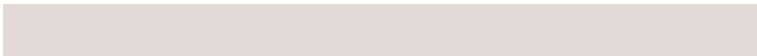
219.3960, 2.7628, 0.5297

Triad

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



218.9010, 3.4998, -2.5442



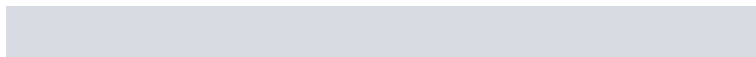
219.7620, -2.3477, 6.3477



218.0380, -1.0047, -4.4183

Complementary

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



218.9010, 3.4998, -2.5442



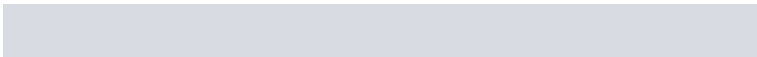
223.0990, -3.4998, 2.5442

Split Complementary

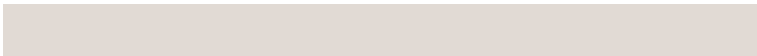
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.3050, -2.6154, -1.1445



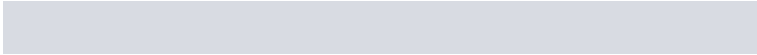
218.9010, 3.4998, -2.5442



219.4090, -3.6526, 4.9033

Square

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



218.9010, 3.4998, -2.5442



220.1040, -1.0373, 6.0478



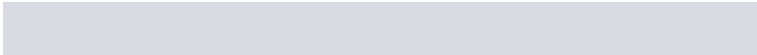
219.0990, -3.4998, 2.5442



217.7820, 0.6005, -5.9478

Rectangle

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



218.9010, 3.4998, -2.5442



219.4780, 1.7363, 3.0888



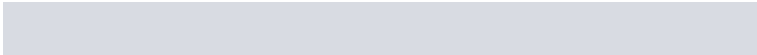
219.0990, -3.4998, 2.5442



218.5220, -1.7363, -3.0888

Sweetspot

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



218.9010, 3.4998, -2.5442



252.9290, 1.0210, -0.8147



222.6680, 0.1637, -5.8478



126.8150, 0.5842, -0.7148



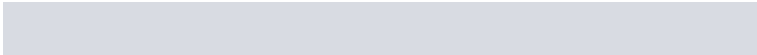
0.0000, 0.0000, 0.0000



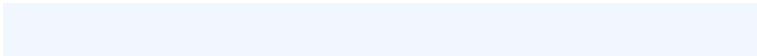
128.0000, 0.0000, 0.0000

Same Dimension

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



218.9010, 3.4998, -2.5442



245.8300, 4.5208, -3.3589



217.7380, 4.0732, 0.2298



106.9720, 2.4788, -1.7294



51.1750, 61.5387, -44.8805



14.2770, 16.6254, -12.5209

Inverse Universe

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



219.3320, -0.1637, 5.8478



246.3430, -0.1691, 7.5922



224.2620, -4.0732, -0.2298



107.3210, -0.1583, 4.1035



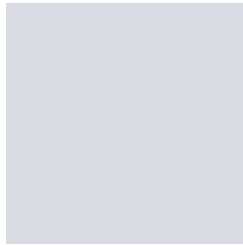
58.6660, -2.7933, 102.9019



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 218.9010, 3.4998, -2.5442 looks on a white background.

Color Contrast Check

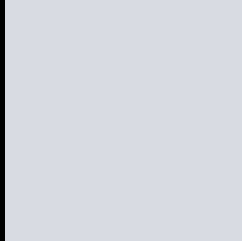
Large Text (above 18pt) WCAG AA × Fail

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 218.9010, 3.4998, -2.5442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

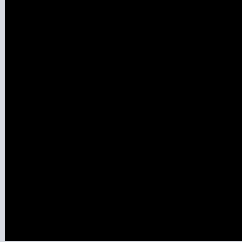
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

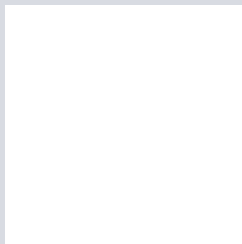
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.9010, 3.4998, -2.5442

Background



This preview shows how black text looks on a background with the YUV color 218.9010, 3.4998, -2.5442.



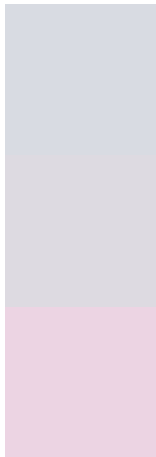
This preview shows how white text looks on a background with the YUV color 218.9010, 3.4998,

-2.5442.

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

218.9010, 3.4998, -2.5442

Protanopia

219.6950, 2.6154, 1.1445

Deuteranopia

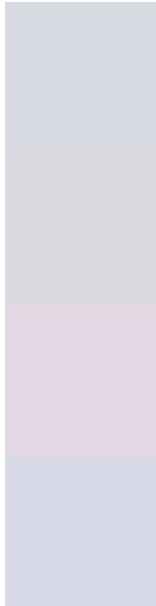
220.8860, 3.0142, 13.2550



Tritanopia

219.6390, 7.5730, -2.3144

Trichromacy



Original Color

218.9010, 3.4998, -2.5442

Protanomaly

219.0970, 2.9102, -0.0851

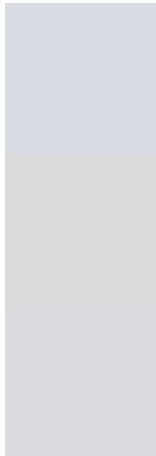
Deuteranomaly

220.5540, 3.1779, 7.4071

Tritanomaly

219.2970, 6.2626, -2.0145

Monochromacy



Original Color

218.9010, 3.4998, -2.5442

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.9010, 3.4998, -2.5442 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(216, 219, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 219, 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(216, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 219, 226) }
```

Border

The CSS property to change the border of an element to YUV 218.9010, 3.4998, -2.5442 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(216, 219, 226) }
```


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

```
.border{ border-color:rgb(216, 219, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 219, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 219, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 219, 226);  
box-shadow:4px 4px 4px 4px rgb(216, 219,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 218.9010, 3.4998, -2.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 219, 226) }
```

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

```
.background{ background-color: rgb(216,  
219, 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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