

Converting Colors

YUV(218.4280, 4.2260, -2.1294)

Have a look what the booklet for
YUV(218.4280, 4.2260, -2.1294)
contains.

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Color

**YUV(218.4280, 4.2260,
-2.1294)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DAE3
RGB	216, 218, 227
RGB Percent	85%, 85%, 89%
CMY	0.1529, 0.1451, 0.1098
CMYK	0.05, 0.04, 0.00, 0.11
HSL	229°, 16%, 87%
HSV	229°, 5%, 89%
XYZ	67.2554, 70.2878, 82.6952
YIQ	218.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

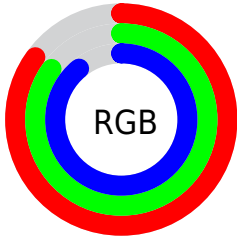
Format	Color
R _Y B	216, 218, 227
Decimal	14211811
CIE Lab	87.14, 0.99, -4.65
CIE LCh	87, 4.756, 282.060
Yxy	70.2878, 0.3054, 0.3191
Android (android.graphics.Color)	4292401891 (0xFFD8DAE3)
YUV	218.4280, 4.2260, -2.1294
Hunter-Lab	83.8378, -3.5219, 0.2045

Details

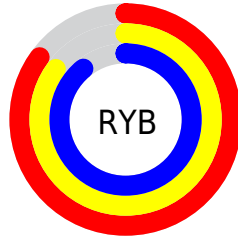
The YUV color $218.4280, 4.2260, -2.1294$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.5720, -4.2260, 2.1294$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.4280, 4.2260, -2.1294$ is the 20% darker color. If you saturate the color by 10%, you get $200.3980, 13.1148, -6.4880$, and if you desaturate by 10%, it is $236.4580, -4.6628, 2.2293$.

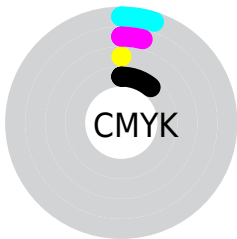
Distribution



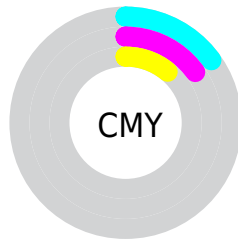
- Red (85%)
- Green (85%)
- Blue (89%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 218.4280, 4.2260, -2.1294 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 218.4280, 4.2260, -2.1294 by changing the saturation by 10% instead.

■ 218.4280, 4.2260,
-2.1294

■ 218.4280, 4.2260,
-2.1294

255.0000, 0.0000,
0.0000

■ 190.4280, 4.2260,
-2.1294

■ 163.4280, 4.2260,
-2.1294

■ 137.3140, 3.7892,
-2.0294

■ 112.2000, 3.3524,
-1.9294

■ 87.3140, 3.7892,
-2.0294

■ 64.2000, 3.3524,
-1.9294

■ 42.2000, 3.3524,

-1.9294

■ 22.0860, 2.9156,
-1.8294

■ 0.0000, 0.0000,
0.0000

■ 218.4280, 4.2260,
-2.1294

■ 218.4280, 4.2260,
-2.1294

■ 200.3980, 13.1148,
-6.4880

■ 236.4580, -4.6628,
2.2293

■ 183.2540, 21.5668,
-10.7468

■ 251.8080,
-12.2303, 2.7994

■ 165.2240, 30.4556,
-15.1054

■ 147.7810, 39.0550,
-19.9789

■ 130.0500, 47.7963,
-23.7229

■ 112.6070, 56.3957,
-28.5963

■ 94.5770, 65.2845,
-32.9550

■ 76.5470, 74.1733,
-37.3137

■ 59.4030, 82.6253,
-41.5724

Harmonies

Analogous

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



217.5200, 4.6736, -5.7180



218.4280, 4.2260, -2.1294



219.1080, 2.9048, 1.6593

Triad

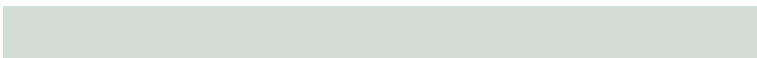
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.4280, 4.2260, -2.1294



219.1320, -3.5161, 7.7772



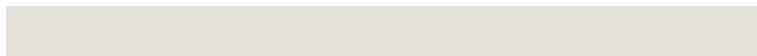
217.0270, -0.9993, -6.1627

Complementary

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



218.4280, 4.2260, -2.1294



224.5720, -4.2260, 2.1294

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.



217.4790, -3.1941, -2.1741



218.4280, 4.2260, -2.1294



218.5940, -4.2368, 5.6181

Square

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



218.4280, 4.2260, -2.1294



219.1150, -1.0427, 7.7921



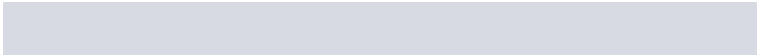
218.1590, -4.5154, 1.6146



216.9990, 1.4795, -7.8921

Rectangle

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



218.4280, 4.2260, -2.1294



219.4890, 1.7309, 4.8331



218.1590, -4.5154, 1.6146



217.5110, -1.7309, -4.8331

Sweetspot

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



218.4280, 4.2260, -2.1294



252.9290, 1.0210, -0.8147



223.4830, 0.7479, -6.5626



126.2280, 0.8736, -0.2000



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.



218.4280, 4.2260, -2.1294



242.8840, 5.9732, -2.5293



218.1510, 4.3626, 0.7446



108.4990, 3.2050, -1.3146



39.1900, 68.9263, -34.3696



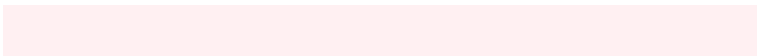
11.0970, 19.6722, -9.7321

Inverse Universe

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



219.5170, -0.7479, 6.5626



244.7130, -1.3375, 9.0217



224.8490, -4.3626, -0.7446



109.5060, -0.7425, 4.8182



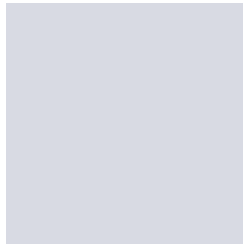
57.1690, -12.4083, 106.8458



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 218.4280, 4.2260, -2.1294 looks on a white background.

Color Contrast Check

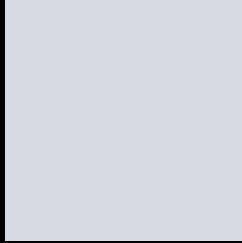
Large Text (above 18pt) WCAG AA × Fail

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 218.4280, 4.2260, -2.1294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

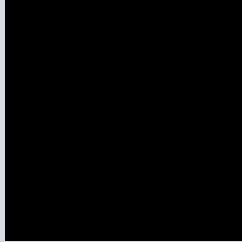
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

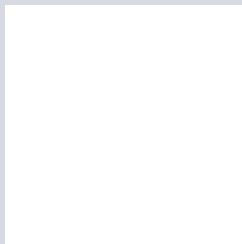
Any Text WCAG AAA ✓ Pass

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

YUV 218.4280, 4.2260, -2.1294 Background



This preview shows how black text looks on a background with the YUV color 218.4280, 4.2260, -2.1294.



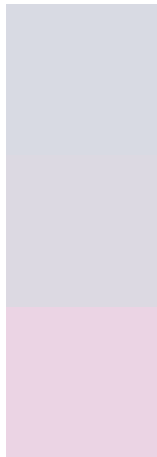
This preview shows how white text looks on a background with the YUV color 218.4280, 4.2260,

-2.1294.

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

218.4280, 4.2260, -2.1294

Protanopia

218.9230, 3.4890, 0.9445

Deuteranopia

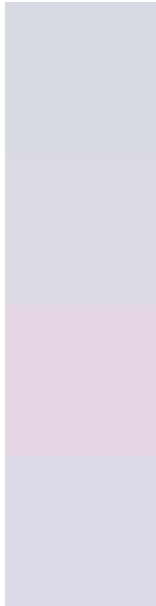
220.7010, 3.5984, 12.5402



Tritanopia

218.9380, 7.4256, -1.6996

Trichromacy



Original Color

218.4280, 4.2260, -2.1294

Protanomaly

218.6240, 3.6364, 0.3298

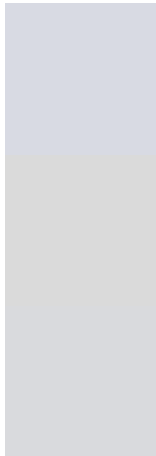
Deuteranomaly

219.7820, 4.0515, 7.2072

Tritanomaly

218.5960, 6.1152, -1.3997

Monochromacy



Original Color

218.4280, 4.2260, -2.1294

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.4280, 4.2260, -2.1294 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, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(216, 218, 227)  
}
```

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, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 218, 227) }
```

Border

The CSS property to change the border of an element to YUV 218.4280, 4.2260, -2.1294 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, 218, 227) }
```


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

```
.border{ border-color:rgb(216, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(216, 218,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 218.4280, 4.2260, -2.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 218, 227) }
```

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

```
.background{ background-color: rgb(216,  
218, 227) }
```

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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