

Converting Colors

YUV(218.4600, 5.6892, -4.7884)

Have a look what the booklet for
YUV(218.4600, 5.6892, -4.7884)
contains.

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Color

**YUV(218.4600, 5.6892,
-4.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DBE6
RGB	213, 219, 230
RGB Percent	84%, 86%, 90%
CMY	0.1647, 0.1412, 0.0980
CMYK	0.07, 0.05, 0.00, 0.10
HSL	219°, 25%, 87%
HSV	219°, 7%, 90%
XYZ	67.0550, 70.5223, 84.9409
YIQ	218.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

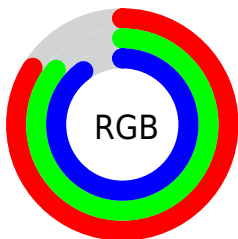
Format	Color
R _Y B	213, 217, 230
Decimal	14015462
CIE Lab	87.25, 0.06, -6.09
CIE LCh	87, 6.091, 270.534
Yxy	70.5223, 0.3013, 0.3169
Android (android.graphics.Color)	4292205542 (0xFFD5DBE6)
YUV	218.4600, 5.6892, -4.7884
Hunter-Lab	83.9776, -4.4308, -1.1858

Details

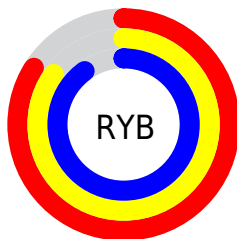
The YUV color $218.4600, 5.6892, -4.7884$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.5400, -5.6892, 4.7884$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.4600, 5.6892, -4.7884$ is the 20% darker color. If you saturate the color by 10%, you get $202.7780, 13.4204, -11.2063$, and if you desaturate by 10%, it is $234.1420, -2.0420, 1.6295$.

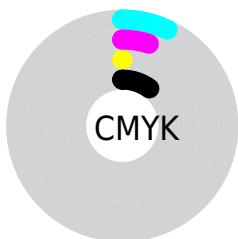
Distribution



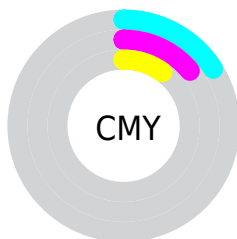
- Red (84%)
- Green (86%)
- Blue (90%)



- Red (84%)
- Yellow (85%)
- Blue (90%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.4600, 5.6892, -4.7884 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 218.4600, 5.6892, -4.7884 by changing the saturation by 10% instead.

■ 218.4600, 5.6892,
-4.7884

■ 218.4600, 5.6892,
-4.7884

255.0000, 0.0000,
0.0000

■ 190.4600, 5.6892,
-4.7884

■ 163.4600, 5.6892,
-4.7884

■ 137.3460, 5.2524,
-4.6884

■ 111.6450, 5.1050,
-4.0737

■ 87.5310, 4.6682,
-3.9737

■ 64.5310, 4.6682,
-3.9737

■ 42.4170, 4.2314,

-3.8737

■ 21.4170, 4.2314,
-3.8737

■ 0.3420, 1.3104,
-0.2999

■ 218.4600, 5.6892,
-4.7884

■ 218.4600, 5.6892,
-4.7884

■ 202.7780, 13.4204,
-11.2063

■ 234.1420, -2.0420,
1.6295

■ 187.0960, 21.1517,
-17.6242

■ 248.6280, -9.1836,
5.5882

■ 171.4140, 28.8829,
-24.0421

■ 252.1500,
-10.9200, 2.4994

■ 155.7320, 36.6141,
-30.4600

■ 140.6370, 44.0560,
-37.3926

■ 124.9550, 51.7872,
-43.8105

■ 109.2730, 59.5184,
-50.2284

■ 93.5910, 67.2496,
-56.6463

■ 77.9090, 74.9809,
-63.0642

Harmonies

Analogous

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



217.6120, 5.1213, -9.3067



218.4600, 5.6892, -4.7884



219.2650, 4.7994, 0.6446

Triad

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



218.4600, 5.6892, -4.7884



219.5560, -3.2321, 10.0364



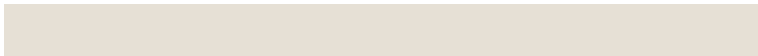
216.7990, -1.8729, -5.9627

Complementary

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



218.4600, 5.6892, -4.7884



224.5400, -5.6892, 4.7884

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.



217.8490, -4.3626, -0.7446



218.4600, 5.6892, -4.7884



219.0890, -4.9739, 8.6919

Square

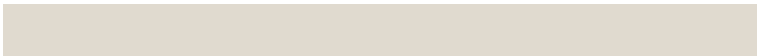
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.4600, 5.6892, -4.7884



220.2400, -0.6113, 9.4365



218.5400, -5.6892, 4.7884



216.7600, 0.6113, -9.4365

Rectangle

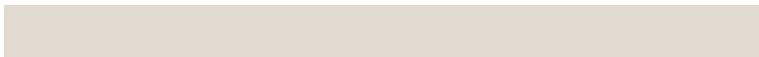
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.4600, 5.6892, -4.7884



219.8310, 3.0413, 4.5332



218.5400, -5.6892, 4.7884



217.1690, -3.0413, -4.5332

Sweetspot

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



218.4600, 5.6892, -4.7884



251.7440, 1.6052, -1.5295



224.2330, -0.1149, -9.8513



125.9290, 1.0210, -0.8147



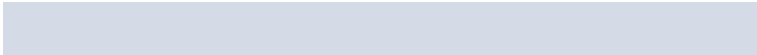
0.0000, 0.0000, 0.0000



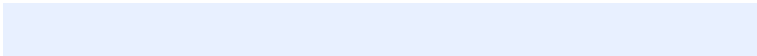
128.0000, 0.0000, 0.0000

Same Dimension

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



218.4600, 5.6892, -4.7884



239.3180, 7.7312, -6.4179



215.5360, 7.1308, -0.4701



106.7160, 4.0840, -3.2589



57.3870, 59.9552, -50.3284



16.3800, 17.0677, -14.3653

Inverse Universe

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



218.7670, 0.1149, 9.8513



239.7890, 0.1040, 13.3400



227.4640, -7.1308, 0.4701



107.0440, -0.0217, 6.9774



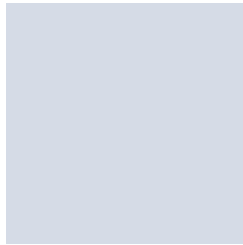
60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 218.4600, 5.6892, -4.7884 looks on a white background.

Color Contrast Check

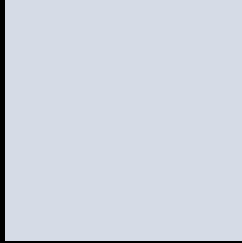
Large Text (above 18pt) WCAG AA × Fail

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 218.4600, 5.6892, -4.7884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

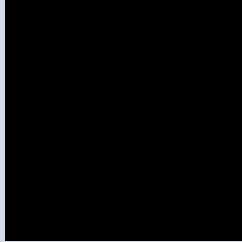
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

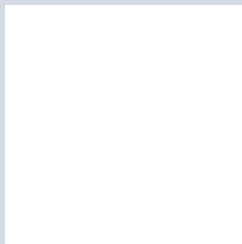
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.4600, 5.6892, -4.7884

Background



This preview shows how black text looks on a background with the YUV color 218.4600, 5.6892, -4.7884.



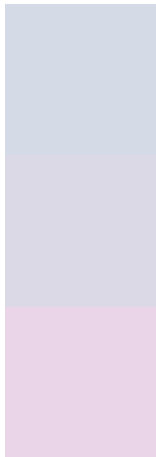
This preview shows how white text looks on a background with the YUV color 218.4600, 5.6892, -4.7884.

-4.7884.

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

218.4600, 5.6892, -4.7884

Protanopia

218.9660, 4.9468, 0.0298

Deuteranopia

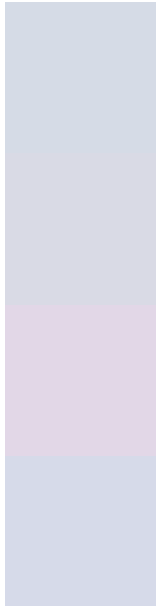
220.7440, 5.0562, 11.6255



Tritanopia

218.7420, 8.0152, -4.1587

Trichromacy



Original Color

218.4600, 5.6892, -4.7884

Protanomaly

218.9550, 4.9522, -1.7145

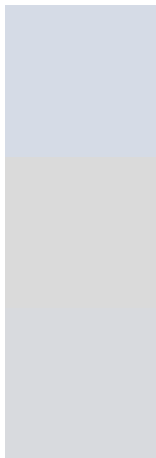
Deuteranomaly

220.1130, 5.3673, 5.1629

Tritanomaly

218.5140, 7.1416, -3.9588

Monochromacy



Original Color

218.4600, 5.6892, -4.7884

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.8580, 2.0420, -1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.4600, 5.6892, -4.7884 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(213, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(213, 219, 230)  
}
```

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(213, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 219, 230) }
```

Border

The CSS property to change the border of an element to YUV 218.4600, 5.6892, -4.7884 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(213, 219, 230) }
```


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

```
.border{ border-color:rgb(213, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(213, 219,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 218.4600, 5.6892, -4.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 219, 230) }
```

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

```
.background{ background-color: rgb(213,  
219, 230) }
```

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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