

Converting Colors

YUV(230.1830, 5.8258, -1.9145)

Have a look what the booklet for
YUV(230.1830, 5.8258, -1.9145)
contains.

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Color

**YUV(230.1830, 5.8258,
-1.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E5F2
RGB	228, 229, 242
RGB Percent	89%, 90%, 95%
CMY	0.1059, 0.1020, 0.0510
CMYK	0.06, 0.05, 0.00, 0.05
HSL	236°, 35%, 92%
HSV	236°, 6%, 95%
XYZ	76.0412, 78.9434, 95.2342
YIQ	230.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

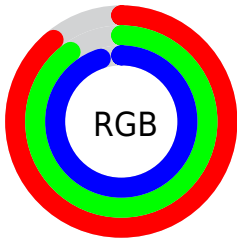
Format	Color
R _Y B	228, 229, 242
Decimal	15001074
CIE Lab	91.21, 2.06, -6.42
CIE LCh	91, 6.747, 287.777
Yxy	78.9434, 0.3039, 0.3155
Android (android.graphics.Color)	4293191154 (0xFFE4E5F2)
YUV	230.1830, 5.8258, -1.9145
Hunter-Lab	88.8501, -2.7207, -1.3551

Details

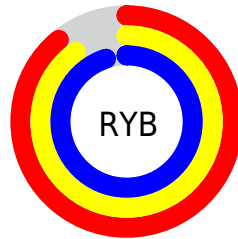
The YUV color $230.1830, 5.8258, -1.9145$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.8170, -5.8258, 1.9145$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.0690, 5.3890, -1.8145$ is the 20% darker color. If you saturate the color by 10%, you get $210.0930, 15.7302, -5.3436$, and if you desaturate by 10%, it is $250.2730, -4.0786, 1.5146$.

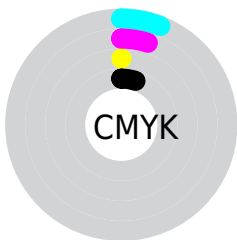
Distribution



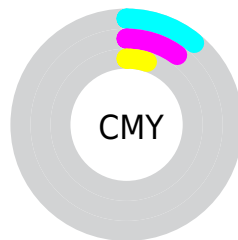
- Red (89%)
- Green (90%)
- Blue (95%)



- Red (89%)
- Yellow (90%)
- Blue (95%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.1830, 5.8258, -1.9145 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 230.1830, 5.8258, -1.9145 by changing the saturation by 10% instead.

■ 230.1830, 5.8258,
-1.9145

■ 230.1830, 5.8258,
-1.9145

255.0000, 0.0000,
0.0000

■ 202.1830, 5.8258,
-1.9145

■ 175.0690, 5.3890,
-1.8145

■ 148.0690, 5.3890,
-1.8145

■ 122.0690, 5.3890,
-1.8145

■ 97.9550, 4.9522,
-1.7145

■ 73.8410, 4.5154,
-1.6146

■ 50.8410, 4.5154,

-1.6146

■ 29.8410, 4.5154,
-1.6146

■ 4.4110, 6.6994,
-2.1144

■ 230.1830, 5.8258,
-1.9145

■ 230.1830, 5.8258,
-1.9145

■ 210.0930, 15.7302,
-5.3436

■ 250.2730, -4.0786,
1.5146

■ 189.4160, 25.9239,
-8.2578

■ 253.5180, -5.6784,
1.2997

■ 169.0270, 35.9757,
-12.3017

■ 148.3500, 46.1695,
-15.2159

■ 128.2600, 56.0738,
-18.6450

■ 107.5830, 66.2676,
-21.5593

■ 87.4930, 76.1720,
-24.9884

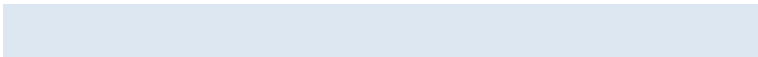
■ 66.5170, 86.5131,
-28.5174

■ 46.4270, 96.4175,
-31.9465

Harmonies

Analogous

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



229.2640, 6.2788, -7.2475



230.1830, 5.8258, -1.9145



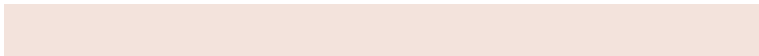
231.0590, 3.9149, 4.3333

Triad

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



230.1830, 5.8258, -1.9145



230.9860, -5.4161, 10.5363



228.1190, -0.5517, -9.7514

Complementary

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



230.1830, 5.8258, -1.9145



239.8170, -5.8258, 1.9145

Split Complementary

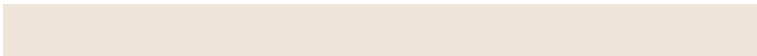
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.3540, -3.6255, -3.8185



230.1830, 5.8258, -1.9145



229.7360, -6.2788, 7.2475

Square

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



230.1830, 5.8258, -1.9145



231.3820, -2.6533, 11.0660



229.4040, -6.1152, 1.3997



227.9060, 2.5113, -12.1956

Rectangle

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



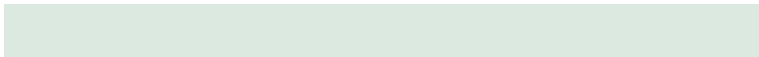
230.1830, 5.8258, -1.9145



231.2120, 1.8675, 7.7071



229.4040, -6.1152, 1.3997



227.9020, -1.4307, -7.8071

Sweetspot

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



230.1830, 5.8258, -1.9145



250.5700, 2.1840, -0.4999



237.7000, 1.6269, -8.5069



125.3420, 1.3104, -0.2999



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.



230.1830, 5.8258, -1.9145



239.6390, 7.5730, -2.3144



231.3900, 5.2307, 2.2890



111.7270, 4.0786, -1.5146



28.6070, 76.6087, -25.0883



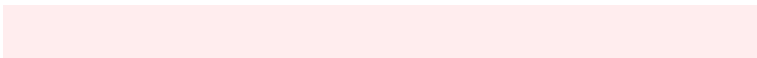
8.7320, 23.3031, -7.6580

Inverse Universe

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



232.3000, -1.6269, 8.5069



242.4960, -2.2165, 10.9660



238.6100, -5.2307, -2.2890



113.1040, -1.0373, 6.0478



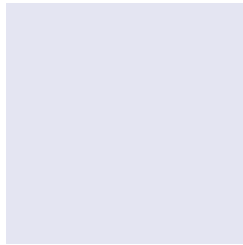
56.4980, -21.4445, 111.8193



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 230.1830, 5.8258, -1.9145 looks on a white background.

Color Contrast Check

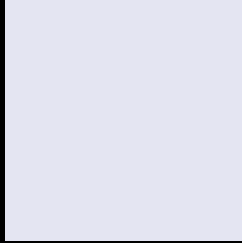
Large Text (above 18pt) WCAG AA × Fail

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 230.1830, 5.8258, -1.9145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

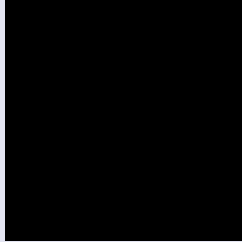
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

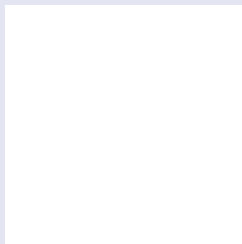
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.1830, 5.8258, -1.9145

Background



This preview shows how black text looks on a background with the YUV color 230.1830, 5.8258, -1.9145.



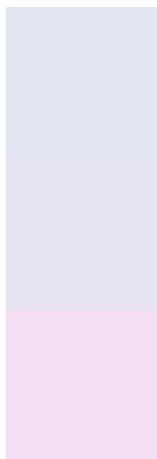
This preview shows how white text looks on a background with the YUV color 230.1830, 5.8258,

-1.9145.

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

230.1830, 5.8258, -1.9145

Protanopia

230.1940, 5.8204, -0.1701

Deuteranopia

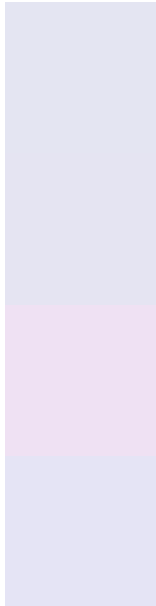
232.1570, 5.3456, 12.1403



Tritanopia

230.3510, 7.7150, -1.1848

Trichromacy



Original Color

230.1830, 5.8258, -1.9145

Protanomaly

229.8950, 5.9678, -0.7849

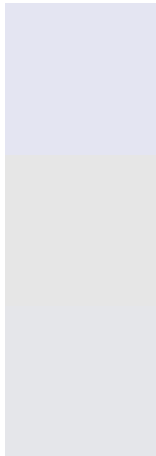
Deuteranomaly

231.2380, 5.7987, 6.8073

Tritanomaly

230.2370, 7.2782, -1.0848

Monochromacy



Original Color

230.1830, 5.8258, -1.9145

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.1830, 5.8258, -1.9145 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(228, 229, 242)` looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 242)  
}
```

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(228, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 242) }
```

Border

The CSS property to change the border of an element to YUV 230.1830, 5.8258, -1.9145 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(228, 229, 242) }
```


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

```
.border{ border-color:rgb(228, 229, 242) }
```

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

Here you see how a box with a 4 pixel rgb(228, 229, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 242);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 230.1830, 5.8258, -1.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 242) }
```

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

```
.background{ background-color: rgb(228,  
229, 242) }
```

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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