

Converting Colors

YUV(230.2820, -17.8870,
-2.8783)

Have a look what the booklet for
YUV(230.2820, -17.8870, -2.8783)
contains.

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Color

**YUV(230.2820, -17.8870,
-2.8783)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E3EFC2 |
| RGB | 227, 239, 194 |
| RGB Percent | 89%, 94%, 76% |
| CMY | 0.1098, 0.0627, 0.2392 |
| CMYK | 0.05, 0.00, 0.19, 0.06 |
| HSL | 76°, 58%, 85% |
| HSV | 76°, 19%, 94% |
| XYZ | 72.2827, 81.9589, 63.0489 |
| YIQ | 230.2820, 7.2930, -16.5390 |

Conversions

Conversions Part 2

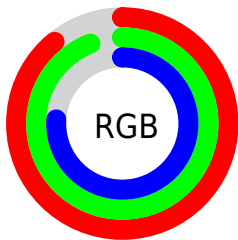
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 239, 206 |
| Decimal | 14938050 |
| CIELab | 92.56, -11.53, 20.47 |
| CIELCh | 93, 23.490, 119.390 |
| Yxy | 81.9589, 0.3327, 0.3772 |
| Android (android.graphics.Color) | 4293128130 (0xFFE3EFC2) |
| YUV | 230.2820, -17.8870, -2.8783 |
| Hunter-Lab | 90.5312, -15.9101, 22.0803 |

Details

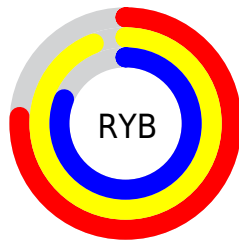
The YUV color $230.2820, -17.8870, -2.8783$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $202.7180, 17.8870, 2.8783$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.5440, -1.7472, 0.3999$, and $174.5100, -17.0134, -3.0783$ is the 20% darker color. If you saturate the color by 10%, you get $225.7520, -27.4857, -4.1675$, and if you desaturate by 10%, it is $234.8120, -8.2883, -1.5891$.

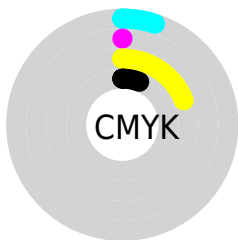
Distribution



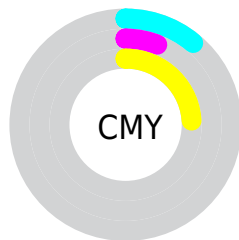
- Red (89%)
- Green (94%)
- Blue (76%)



- Red (76%)
- Yellow (94%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.2820, -17.8870, -2.8783 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 230.2820, -17.8870, -2.8783 by changing the saturation by 10% instead.

■ 230.2820,
-17.8870, -2.8783

■ 230.2820,
-17.8870, -2.8783

255.0000, 0.0000,
0.0000

■ 202.3960,
-17.4502, -2.9783

254.5440, -1.7472,
0.3999

■ 174.5100,
-17.0134, -3.0783

■ 148.0370,
-16.2872, -2.6634

■ 122.1510,
-15.8504, -2.7634

■ 97.2650, -15.4136,
-2.8634

■ 73.4930, -14.5400,
-3.0634

■ 50.6070, -14.1033,

-3.1633

■ 29.2050, -14.3981,
-1.9338

■ 9.3920, -4.6303,
-8.2368

■ 230.2820,
-17.8870, -2.8783

■ 230.2820,
-17.8870, -2.8783

■ 225.7520,
-27.4857, -4.1675

■ 234.8120, -8.2883,
-1.5891

■ 220.9230,
-36.9370, -6.0715

■ 239.6410, 1.1630,
0.3148

■ 216.3930,
-46.5357, -7.3607

■ 242.9170, 5.9569,
2.7038

■ 211.8630,
-56.1345, -8.6499

■ 244.7110, 5.0725,
6.3925

■ 207.0340,
-65.5858, -10.5538

■ 245.6080, 4.6303,
8.2368

■ 202.6180,
-74.7477, -11.9430

■ 197.7890,
-84.1990, -13.8470

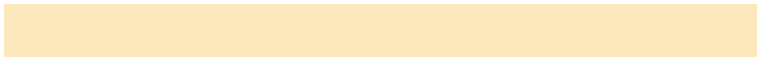
■ 193.2590,
-93.7977, -15.1361

■ 192.6180,
-94.9607, -15.4510

Harmonies

Analogous

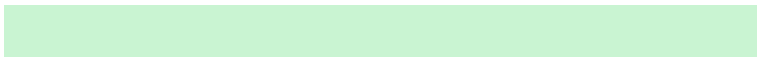
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.0780, -21.7305, 16.5946



230.2820, -17.8870, -2.8783



227.2670, -8.5126, -23.0362

Triad

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



230.2820, -17.8870, -2.8783



225.5420, 14.5228, -38.1863



231.0010, 1.9715, 21.0471

Complementary

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



230.2820, -17.8870, -2.8783



202.7180, 17.8870, 2.8783

Split Complementary

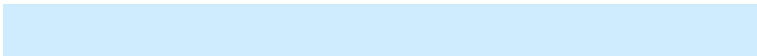
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.0420, 9.8393, 17.5032



230.2820, -17.8870, -2.8783



229.4950, 12.5740, -19.7281

Square

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



230.2820, -17.8870, -2.8783



225.1990, 14.6919, -45.7785



233.7690, 10.4669, 2.8336



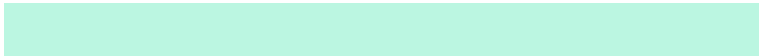
228.9660, -8.3642, 22.8318

Rectangle

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



230.2820, -17.8870, -2.8783



225.9650, -0.4757, -34.1723



233.7690, 10.4669, 2.8336



232.5000, 5.1765, 19.7325

Sweetspot

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



230.2820, -17.8870, -2.8783



252.0940, -5.9623, -0.9594



214.4990, -10.1060, 21.4874



126.0770, -3.4890, -0.9445



0.0000, 0.0000, 0.0000



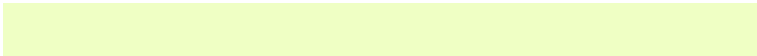
128.0000, 0.0000, 0.0000

Same Dimension

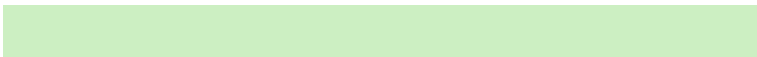
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.2820, -17.8870, -2.8783



243.4900, -23.4126, -3.9377



223.4050, -14.4967, -17.0182



117.7350, -4.7994, -0.6446



148.3730, -73.1479, -11.7281



45.1310, -22.2496, -3.6229

Inverse Universe

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



202.7180, 17.8870, 2.8783



207.5100, 23.4126, 3.9377



209.2960, 14.6441, 16.4034



110.2650, 4.7994, 0.6446



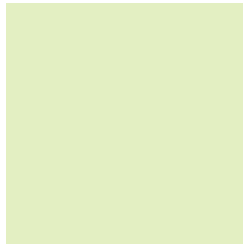
35.6270, 73.1479, 11.7281



10.8690, 22.2496, 3.6229

Previews

White Background



This preview shows how the YUV color 230.2820, -17.8870, -2.8783 looks on a white background.

Color Contrast Check

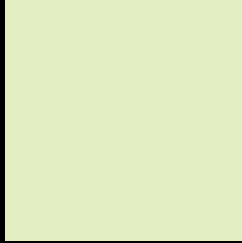
Large Text (above 18pt) WCAG AA × Fail

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 230.2820, -17.8870, -2.8783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

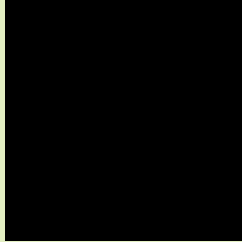
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

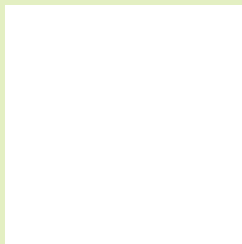
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.2820, -17.8870, -2.8783

Background



This preview shows how black text looks on a background with the YUV color 230.2820, -17.8870, -2.8783.



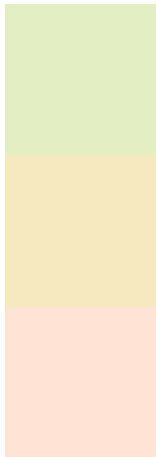
This preview shows how white text looks on a background with the YUV color 230.2820, -17.8870, -2.8783.

-2.8783.

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

230.2820, -17.8870, -2.8783

Protanopia

232.3980, -20.4092, 12.8060

Deuteranopia

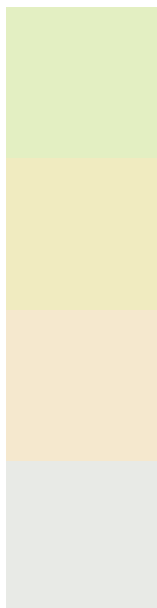
234.3630, -10.5320, 18.0986



Tritanopia

234.3620, 7.7095, 0.5595

Trichromacy



Original Color

230.2820, -17.8870, -2.8783

Protanomaly

231.5930, -19.5193, 7.3729

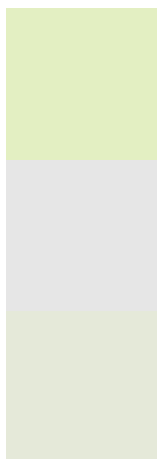
Deuteranomaly

232.9230, -13.2730, 10.5915

Tritanomaly

232.9460, -1.4524, -0.8296

Monochromacy



Original Color

230.2820, -17.8870, -2.8783

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.2820, -17.8870, -2.8783 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(227, 239, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 239, 194)  
}
```

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(227, 239, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 239, 194) }
```

Border

The CSS property to change the border of an element to YUV 230.2820, -17.8870, -2.8783 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(227, 239, 194) }
```


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

```
.border{ border-color:rgb(227, 239, 194) }
```

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

Here you see how a box with a 4 pixel rgb(227, 239, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 239, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 239, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 239,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 230.2820, -17.8870, -2.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 239, 194) }
```

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

```
.background{ background-color: rgb(227,  
239, 194) }
```

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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