

Converting Colors

YUV(227.1950, 0.8899, -5.4330)

Have a look what the booklet for
YUV(227.1950, 0.8899, -5.4330)
contains.

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Color

**YUV(227.1950, 0.8899,
-5.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE6E5
RGB	221, 230, 229
RGB Percent	87%, 90%, 90%
CMY	0.1333, 0.0980, 0.1020
CMYK	0.04, 0.00, 0.00, 0.10
HSL	173°, 15%, 88%
HSV	173°, 4%, 90%
XYZ	72.2585, 77.6229, 85.3030
YIQ	227.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

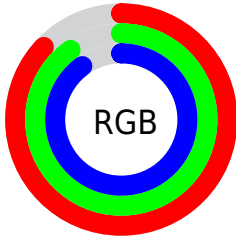
Format	Color
R_{YB}	221, 226, 230
Decimal	14542565
CIE _{Lab}	90.61, -3.18, -0.57
CIE _{LCh}	91, 3.227, 190.122
Yxy	77.6229, 0.3072, 0.3301
Android (android.graphics.Color)	4292732645 (0xFFDDE6E5)
YUV	227.1950, 0.8899, -5.4330
Hunter-Lab	88.1039, -7.7849, 4.2676

Details

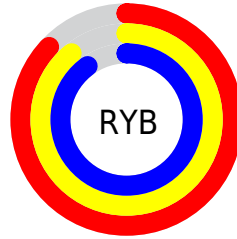
The YUV color $227.1950, 0.8899, -5.4330$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.8050, -0.8899, 5.4330$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.1950, 0.8899, -5.4330$ is the 20% darker color. If you saturate the color by 10%, you get $219.9760, 2.9698, -19.2730$, and if you desaturate by 10%, it is $234.4140, -1.1901, 8.4069$.

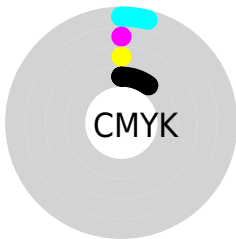
Distribution



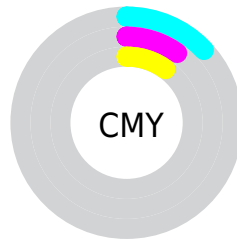
- Red (87%)
- Green (90%)
- Blue (90%)



- Red (87%)
- Yellow (89%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.1950, 0.8899, -5.4330 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 227.1950, 0.8899, -5.4330 by changing the saturation by 10% instead.

■ 227.1950, 0.8899,
-5.4330

■ 227.1950, 0.8899,
-5.4330

255.0000, 0.0000,
0.0000

■ 199.1950, 0.8899,
-5.4330

■ 172.1950, 0.8899,
-5.4330

■ 145.4940, 0.7425,
-4.8182

■ 119.4940, 0.7425,
-4.8182

■ 94.9070, 1.0318,
-4.3034

■ 71.4940, 0.7425,
-4.8182

■ 48.7930, 0.5951,

-4.2035

■ 27.7930, 0.5951,
-4.2035

■ 2.6900, 0.1528,
-2.3591

■ 227.1950, 0.8899,
-5.4330

■ 227.1950, 0.8899,
-5.4330

■ 219.9760, 2.9698,
-19.2730

■ 234.4140, -1.1901,
8.4069

■ 212.8710, 5.4866,
-33.2129

■ 237.9310, -1.9380,
14.9695

■ 205.6520, 7.5666,
-47.0528

■ 238.2730, -0.6276,
14.6696

■ 198.5470, 10.0833,
-60.9927

■ 238.5010, 0.2460,
14.4696

■ 191.3280, 12.1633,
-74.8327

■ 238.8430, 1.5564,
14.1697

■ 184.2230, 14.6801,
-88.7726

■ 239.0710, 2.4300,
13.9697

■ 177.0040, 16.7600,
-102.6125

■ 239.4130, 3.7404,
13.6698

■ 169.8990, 19.2768,
-116.5524

■ 239.6410, 4.6140,
13.4698

■ 162.6800, 21.3568,
-130.3924

■ 239.9830, 5.9244,
13.1699

Harmonies

Analogous

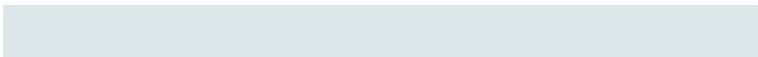
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.4510, -0.7153, -3.9035



227.1950, 0.8899, -5.4330



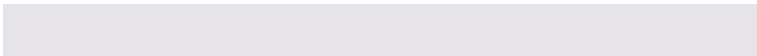
227.5370, 2.2003, -5.7329

Triad

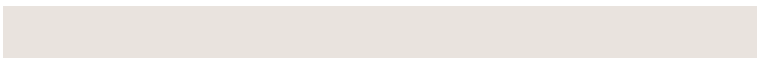
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.1950, 0.8899, -5.4330



228.5810, 2.1786, 1.2445



228.2240, -3.0684, 4.1886

Complementary

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



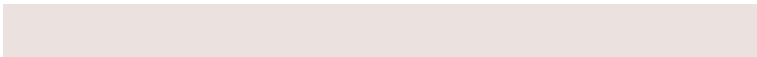
227.1950, 0.8899, -5.4330



223.8050, -0.8899, 5.4330

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.



228.4630, -2.2003, 5.7329



227.1950, 0.8899, -5.4330



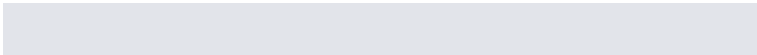
228.5490, 0.7153, 3.9035

Square

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



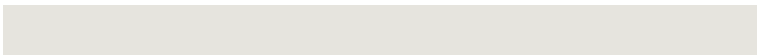
227.1950, 0.8899, -5.4330



228.0860, 2.9156, -1.8294



228.8050, -0.8899, 5.4330



227.9140, -2.9156, 1.8294

Rectangle

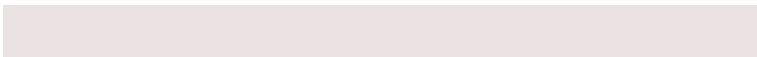
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



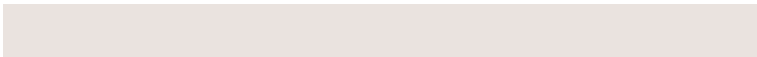
227.1950, 0.8899, -5.4330



227.3630, 2.7790, -4.7034



228.8050, -0.8899, 5.4330



228.6370, -2.7790, 4.7034

Sweetspot

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



227.1950, 0.8899, -5.4330



254.1030, 0.4422, -1.8443



226.5820, -2.7519, -4.0184



127.2880, -0.1420, -1.1296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

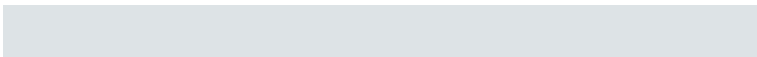
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.1950, 0.8899, -5.4330



250.9990, 1.4795, -7.8921



225.5480, 2.1948, -3.9886



112.7930, 0.5951, -4.2035



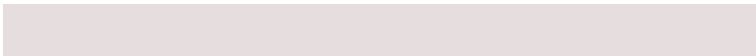
123.1990, 17.6499, -108.0455



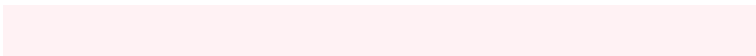
35.0670, 4.8970, -30.7538

Inverse Universe

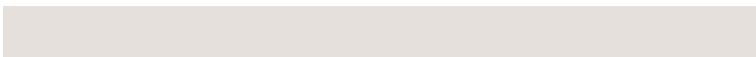
The Inverse Universe completely reimagines the original color for something new.



223.8050, -0.8899, 5.4330



246.1150, -1.0427, 7.7921



225.4520, -2.1948, 3.9886



110.2070, -0.5951, 4.2035



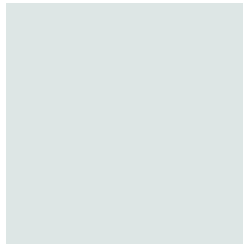
55.8010, -17.6499, 108.0455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 227.1950, 0.8899, -5.4330 looks on a white background.

Color Contrast Check

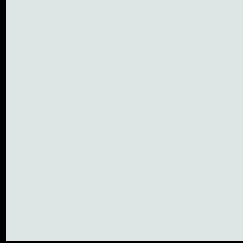
Large Text (above 18pt) WCAG AA × Fail

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 227.1950, 0.8899, -5.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

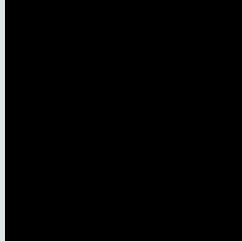
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

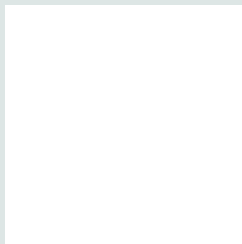
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.1950, 0.8899, -5.4330

Background



This preview shows how black text looks on a background with the YUV color 227.1950, 0.8899, -5.4330.



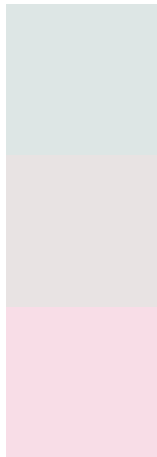
This preview shows how white text looks on a background with the YUV color 227.1950, 0.8899, -5.4330.

-5.4330.

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

227.1950, 0.8899, -5.4330

Protanopia

228.4950, -0.7370, 3.0739

Deuteranopia

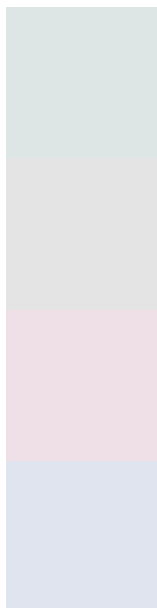
230.2130, 0.3880, 15.5992



Tritanopia

228.1550, 8.3046, -3.6439

Trichromacy



Original Color

227.1950, 0.8899, -5.4330

Protanomaly

228.0000, 0.0000, 0.0000

Deuteranomaly

228.8700, 0.5571, 8.0070

Tritanomaly

227.7590, 5.5418, -4.1736

Monochromacy



Original Color

227.1950, 0.8899, -5.4330

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.1950, 0.8899, -5.4330 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(221, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 229)  
}
```

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(221, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 229) }
```

Border

The CSS property to change the border of an element to YUV 227.1950, 0.8899, -5.4330 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(221, 230, 229) }
```


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

```
.border{ border-color:rgb(221, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 229);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 227.1950, 0.8899, -5.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 229) }
```

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

```
.background{ background-color: rgb(221,  
230, 229) }
```

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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