

Converting Colors

YUV(225.8190, 4.5262, -5.1033)

Have a look what the booklet for
YUV(225.8190, 4.5262, -5.1033)
contains.

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Color

**YUV(225.8190, 4.5262,
-5.1033)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE3EB
RGB	220, 227, 235
RGB Percent	86%, 89%, 92%
CMY	0.1373, 0.1098, 0.0784
CMYK	0.06, 0.03, 0.00, 0.08
HSL	212°, 27%, 89%
HSV	212°, 6%, 92%
XYZ	71.9797, 76.1520, 89.5023
YIQ	225.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

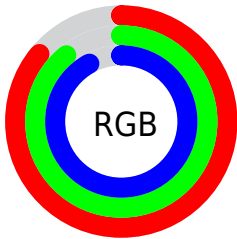
Format	Color
RYP	220, 225, 235
Decimal	14476267
CIELab	89.93, -0.84, -4.71
CIElCh	90, 4.788, 259.850
Yxy	76.1520, 0.3029, 0.3205
Android (android.graphics.Color)	4292666347 (0xFFDCE3EB)
YUV	225.8190, 4.5262, -5.1033
Hunter-Lab	87.2651, -5.4801, 0.2755

Details

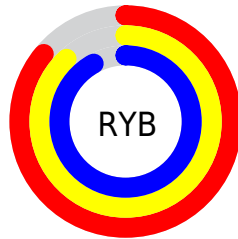
The YUV color `225.8190, 4.5262, -5.1033` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `229.1810, -4.5262, 5.1033`, and the grayscale version is `226.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `170.7050, 4.0894, -5.0033` is the 20% darker color. If you saturate the color by 10%, you get `211.3110, 11.6787, -12.5507`, and if you desaturate by 10%, it is `240.6260, -2.7736, 2.9590`.

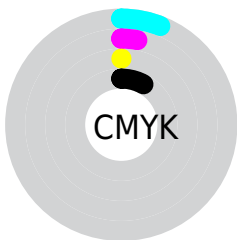
Distribution



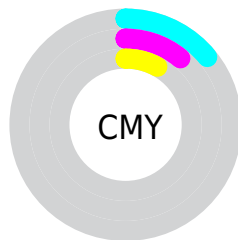
- Red (86%)
- Green (89%)
- Blue (92%)



- Red (86%)
- Yellow (88%)
- Blue (92%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.8190, 4.5262, -5.1033 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 225.8190, 4.5262, -5.1033 by changing the saturation by 10% instead.

■ 225.8190, 4.5262,
-5.1033

■ 225.8190, 4.5262,
-5.1033

255.0000, 0.0000,
0.0000

■ 197.8190, 4.5262,
-5.1033

■ 170.7050, 4.0894,
-5.0033

■ 144.1180, 4.3788,
-4.4885

■ 118.7050, 4.0894,
-5.0033

■ 94.0040, 3.9420,
-4.3885

■ 70.0040, 3.9420,
-4.3885

■ 47.8900, 3.5052,

-4.2885

■ 26.8900, 3.5052,
-4.2885

■ 1.2540, 4.8048,
-1.0998

■ 225.8190, 4.5262,
-5.1033

■ 225.8190, 4.5262,
-5.1033

■ 211.3110, 11.6787,
-12.5507

■ 240.6260, -2.7736,
2.9590

■ 197.0910, 18.6891,
-21.1278

■ 250.9590, -7.8678,
3.5440

■ 182.5830, 25.8416,
-28.5753

■ 252.7200, -8.7360,
1.9996

■ 168.3630, 32.8520,
-37.1524

■ 153.8550, 40.0045,
-44.5998

■ 139.6350, 47.0149,
-53.1769

■ 125.1270, 54.1674,
-60.6244

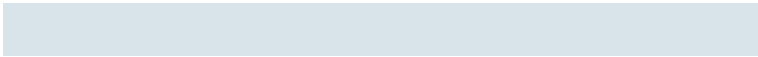
■ 110.9070, 61.1778,
-69.2014

■ 96.3990, 68.3303,
-76.6489

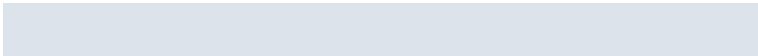
Harmonies

Analogous

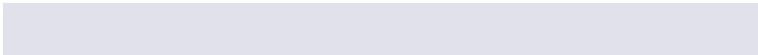
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.9820, 3.9529, -7.8772



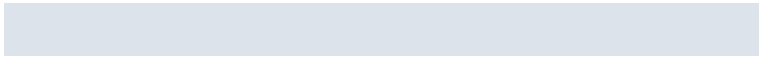
225.8190, 4.5262, -5.1033



226.1400, 4.3680, -0.9998

Triad

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



225.8190, 4.5262, -5.1033



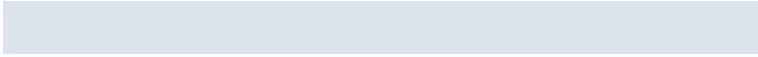
226.8870, -1.9163, 7.9921



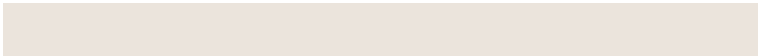
224.9950, -2.4625, -3.5036

Complementary

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



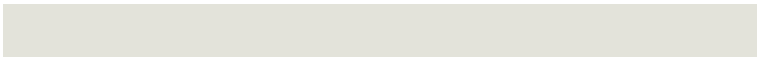
225.8190, 4.5262, -5.1033



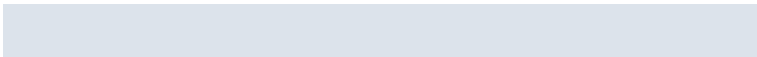
229.1810, -4.5262, 5.1033

Split Complementary

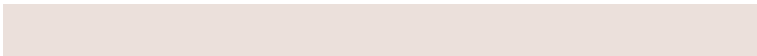
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.9740, -3.9312, 0.8998



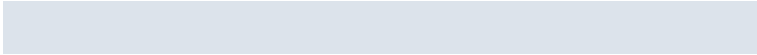
225.8190, 4.5262, -5.1033



226.7190, -3.8055, 7.2624

Square

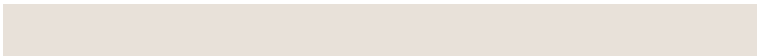
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.8190, 4.5262, -5.1033



227.1580, 0.4151, 6.8774



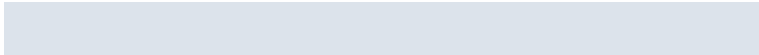
226.1810, -4.5262, 5.1033



224.8420, -0.4151, -6.8774

Rectangle

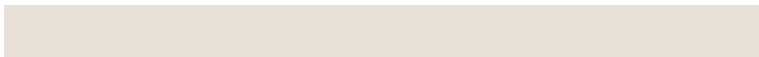
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.8190, 4.5262, -5.1033



227.1080, 2.9048, 1.6593



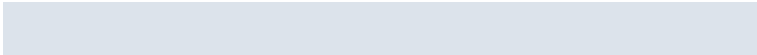
226.1810, -4.5262, 5.1033



225.4790, -3.1941, -2.1741

Sweetspot

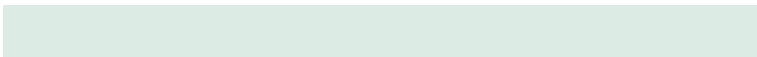
The Sweet Spot groups the original color and five complimentary colors.



225.8190, 4.5262, -5.1033



251.7440, 1.6052, -1.5295



229.7170, -0.8465, -8.5218



125.9290, 1.0210, -0.8147



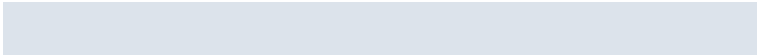
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



225.8190, 4.5262, -5.1033



242.5630, 6.1314, -6.6328



222.0090, 6.4046, -0.8849



110.1890, 3.3578, -3.6738



69.9420, 54.7516, -61.3391



20.8310, 16.3523, -18.2688

Inverse Universe

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



225.2830, 0.8465, 8.5218



242.0060, 0.9830, 11.3957



233.2900, -6.5520, 1.4997



109.8590, 0.5625, 6.2627



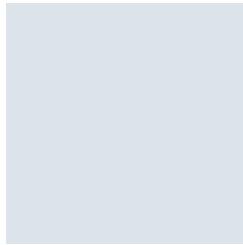
63.6950, 10.0104, 102.8765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 225.8190, 4.5262, -5.1033 looks on a white background.

Color Contrast Check

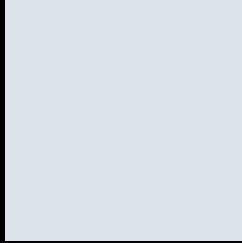
Large Text (above 18pt) WCAG AA × Fail

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 225.8190, 4.5262, -5.1033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

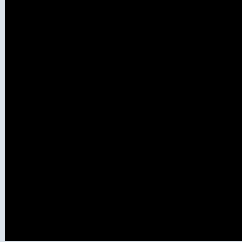
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

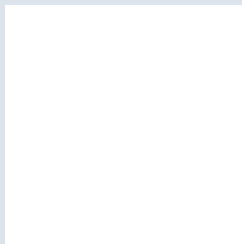
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 225.8190, 4.5262, -5.1033

Background



This preview shows how black text looks on a background with the YUV color 225.8190, 4.5262, -5.1033.



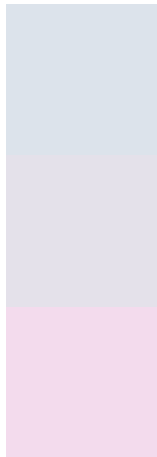
This preview shows how white text looks on a background with the YUV color 225.8190, 4.5262, -5.1033.

-5.1033.

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

225.8190, 4.5262, -5.1033

Protanopia

226.9230, 3.4890, 0.9445

Deuteranopia

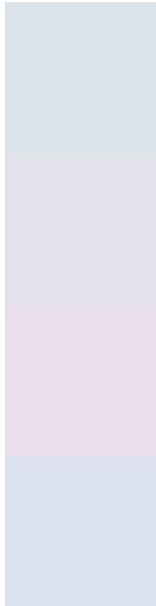
228.2280, 4.3246, 12.9550



Tritanopia

226.5570, 8.5994, -4.8735

Trichromacy



Original Color

225.8190, 4.5262, -5.1033

Protanomaly

226.6130, 3.6418, -1.4146

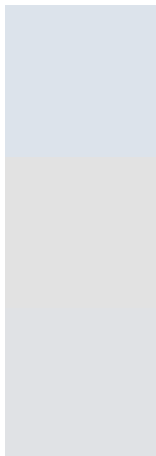
Deuteranomaly

227.4830, 4.1989, 6.5924

Tritanomaly

226.2150, 7.2890, -4.5736

Monochromacy



Original Color

225.8190, 4.5262, -5.1033

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.7440, 1.6052, -1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.8190, 4.5262, -5.1033 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(220, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 235)  
}
```

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(220, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 235) }
```

Border

The CSS property to change the border of an element to YUV 225.8190, 4.5262, -5.1033 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(220, 227, 235) }
```


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

```
.border{ border-color:rgb(220, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 225.8190, 4.5262, -5.1033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 227, 235) }
```

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

```
.background{ background-color: rgb(220,  
227, 235) }
```

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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