

Converting Colors

YUV(226.2190, 11.2310,
-8.9621)

Have a look what the booklet for
YUV(226.2190, 11.2310, -8.9621)
contains.

YUV(226.2190, 11.2310, -8.9621)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(226.2190, 11.2310,
-8.9621)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E3F9
RGB	216, 227, 249
RGB Percent	85%, 89%, 98%
CMY	0.1529, 0.1098, 0.0235
CMYK	0.13, 0.09, 0.00, 0.02
HSL	220°, 73%, 91%
HSV	220°, 13%, 98%
XYZ	72.8869, 76.3767, 100.5232
YIQ	226.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

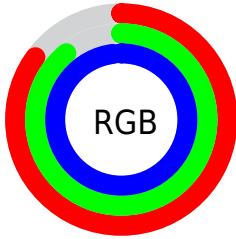
Format	Color
R _Y B	216, 224, 249
Decimal	14214137
CIE Lab	90.03, 0.61, -11.93
CIE LCh	90, 11.943, 272.949
Yxy	76.3767, 0.2918, 0.3058
Android (android.graphics.Color)	4292404217 (0xFFD8E3F9)
YUV	226.2190, 11.2310, -8.9621
Hunter-Lab	87.3937, -4.0690, -7.0217

Details

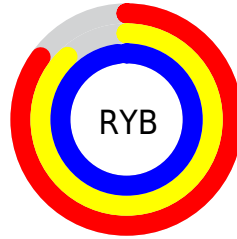
The YUV color $226.2190, 11.2310, -8.9621$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $238.7810, -11.2310, 8.9621$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.1050, 10.7942, -8.8621$ is the 20% darker color. If you saturate the color by 10%, you get $208.7650, 19.8359, -15.5799$, and if you desaturate by 10%, it is $243.6730, 2.6262, -2.3442$.

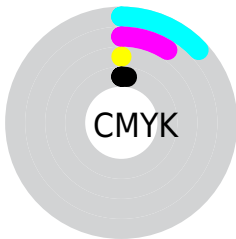
Distribution



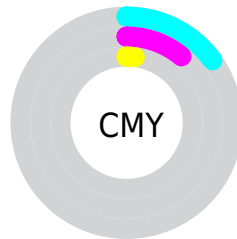
- Red (85%)
- Green (89%)
- Blue (98%)



- Red (85%)
- Yellow (88%)
- Blue (98%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.2190, 11.2310, -8.9621 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 226.2190, 11.2310, -8.9621 by changing the saturation by 10% instead.

■ 226.2190, 11.2310,
-8.9621

■ 226.2190, 11.2310,
-8.9621

255.0000, 0.0000,
0.0000

■ 198.1050, 10.7942,
-8.8621

■ 171.1050, 10.7942,
-8.8621

■ 144.2900, 10.2100,
-8.1473

■ 118.8770, 9.9206,
-8.6621

■ 94.1760, 9.7732,
-8.0474

■ 70.0620, 9.3364,
-7.9474

■ 47.6490, 9.0470,

-8.4622

■ 26.5350, 8.6102,
-8.3622

■ 3.3230, 10.1938,
-2.9143

■ 226.2190, 11.2310,
-8.9621

■ 226.2190, 11.2310,
-8.9621

■ 208.7650, 19.8359,
-15.5799

■ 243.6730, 2.6262,
-2.3442

■ 191.8980, 28.1513,
-22.7125

■ 254.3160, -2.6208,
0.5999

■ 174.4440, 36.7561,
-29.3304

■ 157.5770, 45.0715,
-36.4630

■ 140.4220, 53.5290,
-42.4661

■ 122.9680, 62.1338,
-49.0839

■ 106.1010, 70.4492,
-56.2166

■ 88.6470, 79.0540,
-62.8344

■ 77.1070, 84.7432,
-67.6228

Harmonies

Analogous

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



224.0500, 10.8214, -17.5838



226.2190, 11.2310, -8.9621



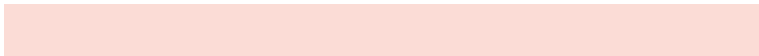
227.7150, 9.0145, 2.0039

Triad

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



226.2190, 11.2310, -8.9621



228.5850, -7.1904, 19.6580



223.2990, -3.5984, -12.5402

Complementary

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



226.2190, 11.2310, -8.9621



238.7810, -11.2310, 8.9621

Split Complementary

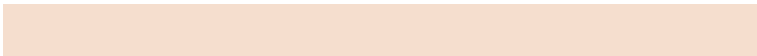
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.9860, -8.8671, -2.6187



226.2190, 11.2310, -8.9621



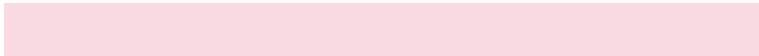
227.0530, -10.3791, 15.7395

Square

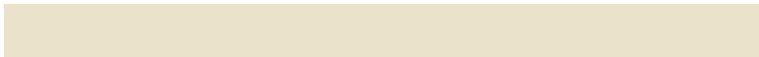
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.2190, 11.2310, -8.9621



229.0670, -1.5120, 18.3582



226.1830, -10.9362, 7.7325



222.4490, 2.2436, -19.6878

Rectangle

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



226.2190, 11.2310, -8.9621



228.5480, 5.6458, 9.1664



226.1830, -10.9362, 7.7325



223.4520, -5.6458, -9.1664

Sweetspot

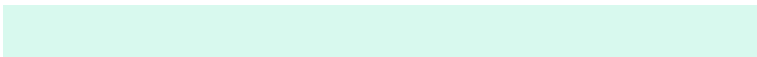
The Sweet Spot groups the original color and five complimentary colors.



226.2190, 11.2310, -8.9621



247.9010, 3.4998, -2.5442



237.8790, 0.0597, -19.1879



122.9720, 2.4788, -1.7294



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.



226.2190, 11.2310, -8.9621



226.8920, 13.8572, -11.3063



221.2570, 13.6773, -0.2254



116.4170, 4.2314, -3.8737



58.5270, 64.3232, -51.3282



18.6940, 20.8569, -16.3946

Inverse Universe

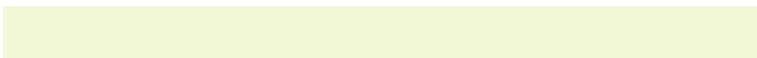
The Inverse Universe completely reimagines the original color for something new.



227.1210, -0.0597, 19.1879



227.8550, 0.0715, 23.8062



243.4440, -13.5299, -0.3894



116.4570, 0.2677, 7.4922



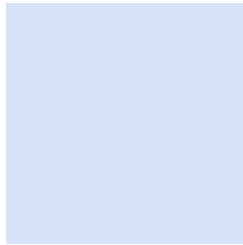
63.6930, -0.3416, 109.8942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 226.2190, 11.2310, -8.9621 looks on a white background.

Color Contrast Check

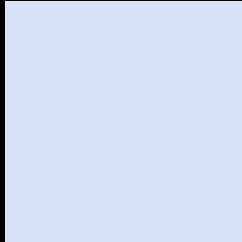
Large Text (above 18pt) WCAG AA × Fail

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 226.2190, 11.2310, -8.9621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

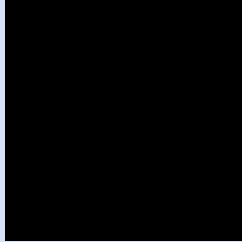
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

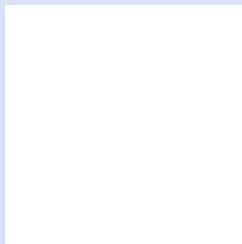
Any Text WCAG AAA ✓ Pass

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

YUV 226.2190, 11.2310, -8.9621 Background



This preview shows how black text looks on a background with the YUV color 226.2190, 11.2310, -8.9621.



This preview shows how white text looks on a background with the YUV color 226.2190, 11.2310, -8.9621.

-8.9621.

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

226.2190, 11.2310, -8.9621

Protanopia

227.3230, 10.1938, -2.9143

Deuteranopia

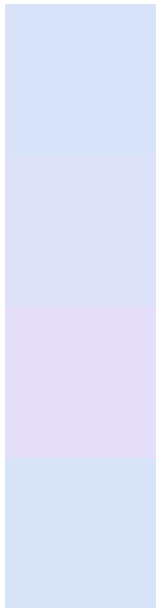
228.5030, 10.5980, 7.4519



Tritanopia

226.1650, 9.7787, -9.7917

Trichromacy



Original Color

226.2190, 11.2310, -8.9621

Protanomaly

227.0130, 10.3466, -5.2734

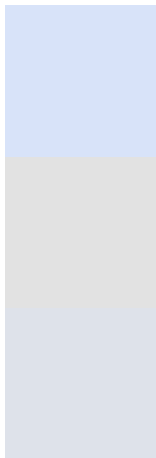
Deuteranomaly

227.8720, 10.9091, 0.9893

Tritanomaly

226.2790, 10.2155, -9.8917

Monochromacy



Original Color

226.2190, 11.2310, -8.9621

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.7160, 4.0840, -3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.2190, 11.2310, -8.9621 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(216, 227, 249)` looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 249)  
}
```

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(216, 227, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 249) }
```

Border

The CSS property to change the border of an element to YUV 226.2190, 11.2310, -8.9621 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(216, 227, 249) }
```


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

```
.border{ border-color:rgb(216, 227, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 249);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 226.2190, 11.2310, -8.9621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 249) }
```

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

```
.background{ background-color: rgb(216,  
227, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor