

Converting Colors

YUV(218.0890, 8.3371,
-14.1101)

Have a look what the booklet for
YUV(218.0890, 8.3371, -14.1101)
contains.

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Color

**YUV(218.0890, 8.3371,
-14.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	CADFEB
RGB	202, 223, 235
RGB Percent	79%, 87%, 92%
CMY	0.2078, 0.1255, 0.0784
CMYK	0.14, 0.05, 0.00, 0.08
HSL	202°, 45%, 86%
HSV	202°, 14%, 92%
XYZ	65.7402, 71.3301, 88.9005
YIQ	218.0890, -16.3680, -0.7200

Conversions

Conversions Part 2

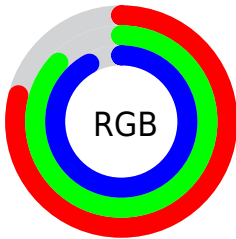
Format	Color
R _Y B	202, 215, 235
Decimal	13295595
CIE Lab	87.65, -4.56, -8.23
CIE LCh	88, 9.412, 240.990
Yxy	71.3301, 0.2909, 0.3157
Android (android.graphics.Color)	4291485675 (0xFFCADFEB)
YUV	218.0890, 8.3371, -14.1101
Hunter-Lab	84.4571, -8.8582, -3.2893

Details

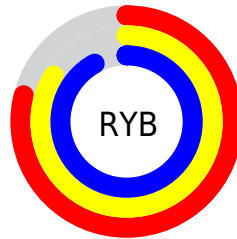
The YUV color $218.0890, 8.3371, -14.1101$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.9110, -8.3371, 14.1101$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.2740, 7.7529, -13.3953$ is the 20% darker color. If you saturate the color by 10%, you get $205.9290, 14.3320, -23.6167$, and if you desaturate by 10%, it is $230.5480, 2.1948, -3.9886$.

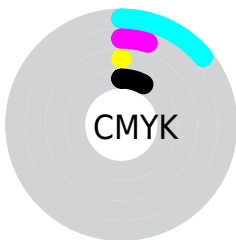
Distribution



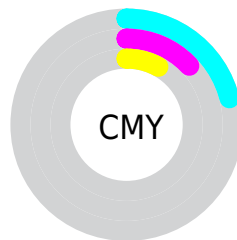
- Red (79%)
- Green (87%)
- Blue (92%)



- Red (79%)
- Yellow (84%)
- Blue (92%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.0890, 8.3371, -14.1101 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 218.0890, 8.3371, -14.1101 by changing the saturation by 10% instead.

■ 218.0890, 8.3371,
-14.1101

■ 218.0890, 8.3371,
-14.1101

255.0000, 0.0000,
0.0000

■ 190.0890, 8.3371,
-14.1101

■ 163.2740, 7.7529,
-13.3953

■ 136.6870, 8.0423,
-12.8805

■ 111.5730, 7.6055,
-12.7805

■ 86.5730, 7.6055,
-12.7805

■ 63.4590, 7.1687,
-12.6805

■ 41.3450, 6.7319,

-12.5806

■ 19.9320, 6.4425,
-13.0954

■ 1.1400, 4.3680,
-0.9998

■ 218.0890, 8.3371,
-14.1101

■ 218.0890, 8.3371,
-14.1101

■ 205.9290, 14.3320,
-23.6167

■ 230.5480, 2.1948,
-3.9886

■ 194.0570, 20.1849,
-34.2530

■ 242.1210, -3.5107,
6.0329

■ 181.8970, 26.1798,
-43.7597

■ 249.1980, -6.9996,
5.0884

■ 170.0250, 32.0327,
-54.3959

■ 252.7200, -8.7360,
1.9996

■ 157.8650, 38.0276,
-63.9026

■ 145.9930, 43.8805,
-74.5389

■ 133.5340, 50.0227,
-84.6603

■ 121.9610, 55.7282,
-94.6818

■ 114.8400, 59.2389,
-100.7147

Harmonies

Analogous

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



217.3830, 5.7272, -16.9989



218.0890, 8.3371, -14.1101



219.2470, 8.7522, -7.2326

Triad

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



218.0890, 8.3371, -14.1101



221.8600, -0.9170, 14.1548



218.4530, -7.1253, -1.2743

Complementary

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



218.0890, 8.3371, -14.1101



218.9110, -8.3371, 14.1101

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.



219.4540, -8.6048, 6.6178



218.0890, 8.3371, -14.1101



221.1330, -4.9956, 15.6694

Square

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



218.0890, 8.3371, -14.1101



221.6790, 3.6093, 9.0515



220.3130, -8.0423, 12.8805



217.4350, -3.1725, -9.1515

Rectangle

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



218.0890, 8.3371, -14.1101



220.0520, 7.8624, -1.7996



220.3130, -8.0423, 12.8805



218.6490, -7.7150, 1.1848

Sweetspot

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



218.0890, 8.3371, -14.1101



249.6620, 2.6316, -4.0886



222.7390, -4.3083, -18.1881



124.1460, 1.9000, -2.7590



0.0000, 0.0000, 0.0000



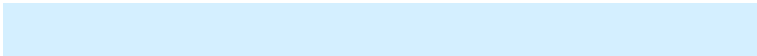
128.0000, 0.0000, 0.0000

Same Dimension

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



218.0890, 8.3371, -14.1101



232.7510, 10.9688, -18.1986



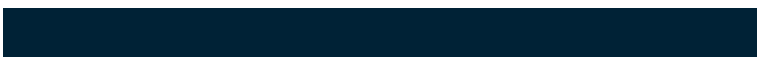
208.6970, 12.9674, -5.8733



111.3630, 2.7790, -4.7034



88.1390, 45.7805, -77.2979



26.1140, 13.7478, -22.9020

Inverse Universe

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



214.2610, 4.3083, 18.1881



227.9350, 5.4550, 23.7360



228.3030, -12.9674, 5.8733



110.0870, 1.4361, 6.0627



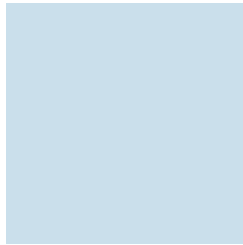
67.2290, 23.5511, 99.7772



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 218.0890, 8.3371, -14.1101 looks on a white background.

Color Contrast Check

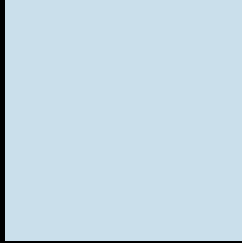
Large Text (above 18pt) WCAG AA × Fail

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 218.0890, 8.3371, -14.1101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

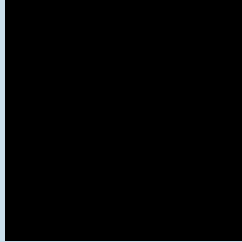
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

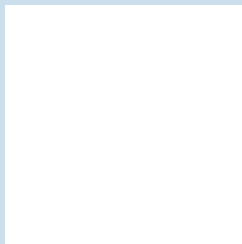
Any Text WCAG AAA ✓ Pass

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

YUV 218.0890, 8.3371, -14.1101 Background



This preview shows how black text looks on a background with the YUV color 218.0890, 8.3371, -14.1101.



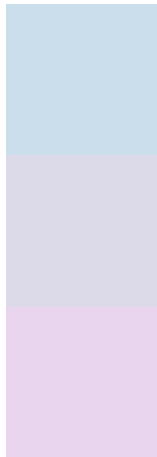
This preview shows how white text looks on a background with the YUV color 218.0890, 8.3371,

-14.1101.

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

218.0890, 8.3371, -14.1101

Protanopia

220.1940, 5.8204, -0.1701

Deuteranopia

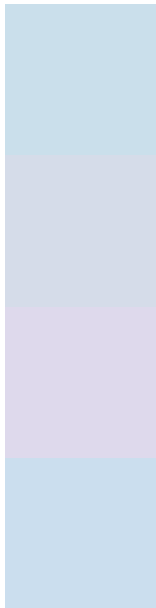
221.7160, 7.5350, 9.8961



Tritanopia

218.3710, 10.6631, -13.4804

Trichromacy



Original Color

218.0890, 8.3371, -14.1101

Protanomaly

219.3890, 6.7102, -5.6032

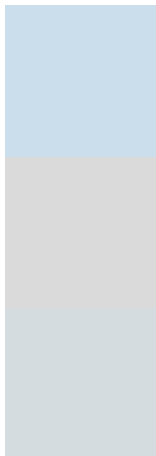
Deuteranomaly

220.6610, 7.5621, 1.1743

Tritanomaly

218.1430, 9.7895, -13.2804

Monochromacy



Original Color

218.0890, 8.3371, -14.1101

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0640, 2.9264, -5.3181

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.0890, 8.3371, -14.1101 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(202, 223, 235)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 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(202, 223, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 235) }
```

Border

The CSS property to change the border of an element to YUV 218.0890, 8.3371, -14.1101 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(202, 223, 235) }
```


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

```
.border{ border-color:rgb(202, 223, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 223, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 235);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 218.0890, 8.3371, -14.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 235) }
```

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

```
.background{ background-color: rgb(202,  
223, 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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