

Converting Colors

YUV(213.1890, -0.0932,
-16.8288)

Have a look what the booklet for
YUV(213.1890, -0.0932, -16.8288)
contains.

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Color

**YUV(213.1890, -0.0932,
-16.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DFD5
RGB	194, 223, 213
RGB Percent	76%, 87%, 84%
CMY	0.2392, 0.1255, 0.1647
CMYK	0.13, 0.00, 0.04, 0.13
HSL	159°, 31%, 82%
HSV	159°, 13%, 87%
XYZ	60.6461, 69.0488, 73.0822
YIQ	213.1890, -14.0740, -9.2580

Conversions

Conversions Part 2

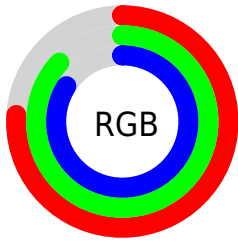
Format	Color
RYB	194, 212, 223
Decimal	12771285
CIELab	86.53, -11.48, 1.66
CIELCh	87, 11.600, 171.764
Yxy	69.0488, 0.2991, 0.3405
Android (android.graphics.Color)	4290961365 (0xFFC2DFD5)
YUV	213.1890, -0.0932, -16.8288
Hunter-Lab	83.0956, -15.1418, 6.0217

Details

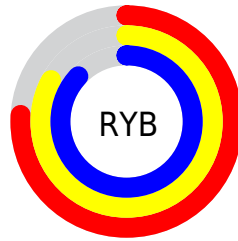
The YUV color $213.1890, -0.0932, -16.8288$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $203.8110, 0.0932, 16.8288$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $158.4880, -0.2406, -16.2140$ is the 20% darker color. If you saturate the color by 10%, you get $205.6990, -0.3446, -29.5540$, and if you desaturate by 10%, it is $220.6790, 0.1583, -4.1035$.

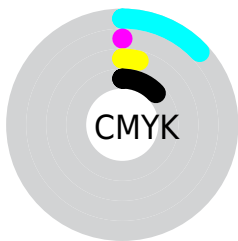
Distribution



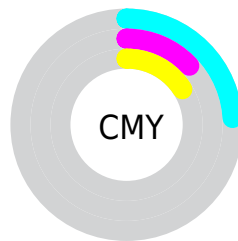
- Red (76%)
- Green (87%)
- Blue (84%)



- Red (76%)
- Yellow (83%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.1890, -0.0932, -16.8288 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 213.1890, -0.0932, -16.8288 by changing the saturation by 10% instead.

■ 213.1890, -0.0932,
-16.8288

■ 213.1890, -0.0932,
-16.8288

255.0000, 0.0000,
0.0000

■ 185.4880, -0.2406,
-16.2140

■ 253.8040, 0.5896,
-2.4591

■ 158.4880, -0.2406,
-16.2140

■ 131.9010, 0.0488,
-15.6992

■ 107.2000, -0.0986,
-15.0844

■ 82.6130, 0.1908,
-14.5696

■ 59.6130, 0.1908,
-14.5696

■ 37.0260, 0.4802,

-14.0548

■ 16.7270, 0.6276,
-14.6696

■ 0.0000, 0.0000,
0.0000

■ 213.1890, -0.0932,
-16.8288

■ 213.1890, -0.0932,
-16.8288

■ 205.6990, -0.3446,
-29.5540

■ 220.6790, 0.1583,
-4.1035

■ 198.0240, -0.0118,
-42.9940

■ 228.3540, -0.1745,
9.3365

■ 190.5340, -0.2633,
-55.7193

■ 234.0500, 0.9614,
18.3732

■ 183.0440, -0.5147,
-68.4446

■ 234.9620, 4.4557,
17.5733

■ 175.3690, -0.1819,
-81.8846

■ 235.7600, 7.5133,
16.8735

■ 167.8790, -0.4333,
-94.6099

■ 236.2160, 9.2605,
16.4736

■ 160.3890, -0.6848,
-107.3352

■ 152.8990, -0.9362,
-120.0604

■ 147.5450, -0.7617,
-129.3970

Harmonies

Analogous

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



213.8650, -5.3564, -8.6516



213.1890, -0.0932, -16.8288



212.9480, 5.4486, -21.0024

Triad

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



213.1890, -0.0932, -16.8288



217.5080, 9.6096, -2.1995



217.5200, -8.6374, 17.0840

Complementary

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



213.1890, -0.0932, -16.8288



203.8110, 0.0932, 16.8288

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.



218.5680, -4.7170, 19.6729



213.1890, -0.0932, -16.8288



218.2490, 5.7932, 8.5516

Square

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



213.1890, -0.0932, -16.8288



215.4960, 11.0945, -11.8360



218.6260, 0.6774, 16.1140



216.9060, -10.7997, 10.6064

Rectangle

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



213.1890, -0.0932, -16.8288



213.4580, 8.6482, -20.5727



218.6260, 0.6774, 16.1140



218.3460, -8.0586, 18.1136

Sweetspot

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



213.1890, -0.0932, -16.8288



251.5540, -0.2731, -5.7479



214.0130, -9.8664, -8.7814



125.5650, -0.2785, -4.0035



0.0000, 0.0000, 0.0000



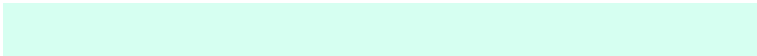
128.0000, 0.0000, 0.0000

Same Dimension

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



213.1890, -0.0932, -16.8288



241.1450, -0.0715, -23.8062



211.9810, 5.4324, -15.7693



108.2550, -0.1257, -6.3626



116.4220, -0.7010, -102.1021



31.8240, 0.0868, -27.9096

Inverse Universe

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



203.8110, 0.0932, 16.8288



227.8550, 0.0715, 23.8062



205.0190, -5.4324, 15.7693



104.7450, 0.1257, 6.3626



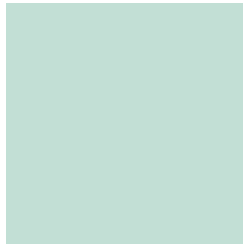
59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 213.1890, -0.0932, -16.8288 looks on a white background.

Color Contrast Check

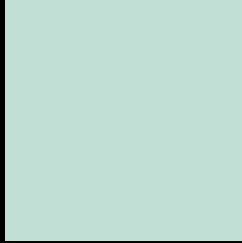
Large Text (above 18pt) WCAG AA × Fail

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 213.1890, -0.0932, -16.8288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

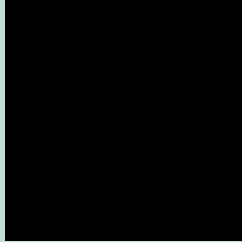
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

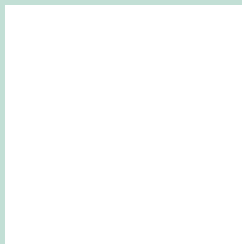
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.1890, -0.0932, -16.8288

Background



This preview shows how black text looks on a background with the YUV color 213.1890, -0.0932, -16.8288.



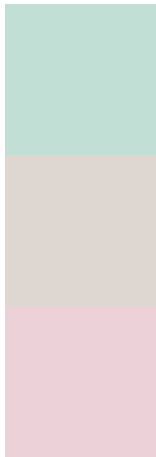
This preview shows how white text looks on a background with the YUV color 213.1890, -0.0932, -16.8288.

-16.8288.

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

213.1890, -0.0932, -16.8288

Protanopia

216.4090, -3.6526, 4.9033

Deuteranopia

218.1700, -1.0698, 16.5139



Tritanopia

214.7730, 10.9579, -14.7099

Trichromacy



Original Color

213.1890, -0.0932, -16.8288

Protanomaly

215.2940, -2.6099, -2.8888

Deuteranomaly

216.2070, -0.5951, 4.2035

Tritanomaly

214.0350, 6.8847, -14.9397

Monochromacy



Original Color

213.1890, -0.0932, -16.8288

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1890, -0.0932, -16.8288 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(194, 223, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 223, 213)  
}
```

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(194, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 223, 213) }
```

Border

The CSS property to change the border of an element to YUV 213.1890, -0.0932, -16.8288 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(194, 223, 213) }
```


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

```
.border{ border-color:rgb(194, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 223,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 213.1890, -0.0932, -16.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 223, 213) }
```

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

```
.background{ background-color: rgb(194,  
223, 213) }
```

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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