

Converting Colors

YUV(213.6910, -1.8197,
-69.8890)

Have a look what the booklet for
YUV(213.6910, -1.8197, -69.8890)
contains.

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Color

**YUV(213.6910, -1.8197,
-69.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	86FFD2
RGB	134, 255, 210
RGB Percent	53%, 100%, 82%
CMY	0.4745, 0.0000, 0.1765
CMYK	0.47, 0.00, 0.18, 0.00
HSL	158°, 100%, 76%
HSV	158°, 47%, 100%
XYZ	57.2244, 81.2415, 73.6379
YIQ	213.6910, -57.6710, -39.6470

Conversions

Conversions Part 2

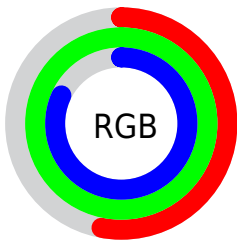
Format	Color
RYB	134, 208, 255
Decimal	8847314
CIELab	92.24, -44.35, 11.07
CIELCh	92, 45.708, 165.990
Yxy	81.2415, 0.2698, 0.3830
Android (android.graphics.Color)	4287037394 (0xFF86FFD2)
YUV	213.6910, -1.8197, -69.8890
Hunter-Lab	90.1341, -44.4084, 14.6550

Details

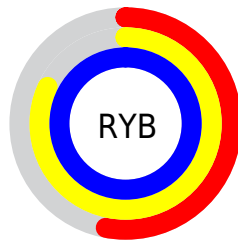
The YUV color **213.6910, -1.8197, -69.8890** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **175.3090, 1.8197, 69.8890**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **155.8370, 0.0804, -72.6480** is the 20% darker color. If you saturate the color by 10%, you get **205.1900, -2.0657, -84.3586**, and if you desaturate by 10%, it is **222.4910, -1.7211, -54.8046**.

Distribution



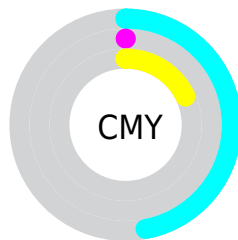
- Red (53%)
- Green (100%)
- Blue (82%)



- Red (53%)
- Yellow (82%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6910, -1.8197, -69.8890 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 213.6910, -1.8197, -69.8890 by changing the saturation by 10% instead.

 213.6910, -1.8197,
-69.8890

 213.6910, -1.8197,
-69.8890

255.0000, 0.0000,
0.0000


 184.5060, -1.2355,
-70.6038


 236.4620, 9.1392,
-38.1162


 155.8370, 0.0804,
-72.6480


 245.4320, 4.7170,
-19.6729

 125.5590, 1.6964,
-77.6662

 254.4020, 0.2948,
-1.2296

 95.7970, 4.0441,
-84.0140

 77.7990, 1.0851,
-68.2297

 59.9150, -1.4371,
-52.5455

 42.7320, -3.8119,

-37.4760

■ 27.5380, -6.1812,
-24.1508

■ 8.8050, -4.3409,
-7.7220

■ 213.6910, -1.8197,
-69.8890

■ 213.6910, -1.8197,
-69.8890

■ 205.1900, -2.0657,
-84.3586

■ 222.4910, -1.7211,
-54.8046

■ 196.2760, -2.6011,
-99.3431

■ 231.1060, -1.0383,
-40.4350

■ 187.7750, -2.8471,
-113.8127

■ 239.9060, -0.9397,
-25.3506

■ 178.8610, -3.3825,
-128.7971

■ 248.5210, -0.2569,
-10.9809

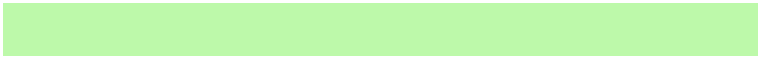
■ 170.3600, -3.6285, 255.0000, 0.0000,
-143.2667 0.0000

■ 167.9250, -3.9070,
-147.2702

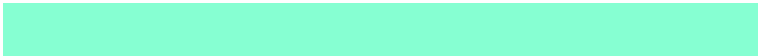
Harmonies

Analogous

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



222.0540, -25.6626, -28.9884



213.6910, -1.8197, -69.8890



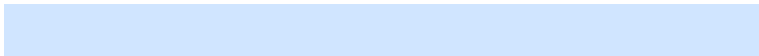
201.7780, 26.2384, -109.4303

Triad

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



213.6910, -1.8197, -69.8890



225.6850, 14.4523, -15.5097



217.8350, -23.0897, 32.5937

Complementary

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



213.6910, -1.8197, -69.8890



175.3090, 1.8197, 69.8890

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.



217.1120, -3.0132, 33.2278



213.6910, -1.8197, -69.8890



230.3460, 12.1544, 21.6216

Square

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



213.6910, -1.8197, -69.8890



212.0760, 21.1615, -67.5957



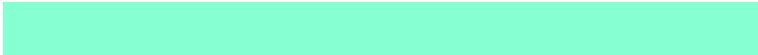
223.3020, 15.6271, 27.7991



224.0180, -37.4769, 27.1712

Rectangle

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



213.6910, -1.8197, -69.8890



195.8090, 29.1812, -119.9815



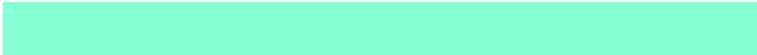
223.3020, 15.6271, 27.7991



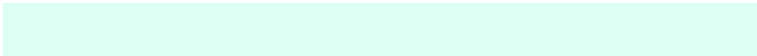
216.8550, -16.6905, 33.4532

Sweetspot

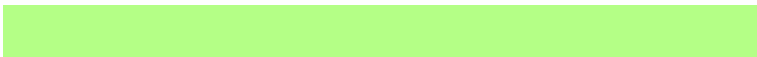
The Sweet Spot groups the original color and five complimentary colors.



213.6910, -1.8197, -69.8890



242.7540, -0.3717, -20.8323



218.7810, -41.7970, -34.0109



120.3960, -0.6882, -12.6253



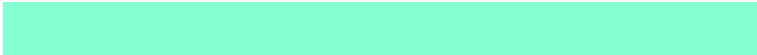
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



213.6910, -1.8197, -69.8890



205.4890, -2.2131, -83.7439



210.6030, 21.8877, -67.1808



123.5430, -0.2677, -7.4922



125.7970, -2.8579, -110.3240



42.1280, -1.0491, -36.9463

Inverse Universe

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



175.3090, 1.8197, 69.8890



159.5110, 2.2131, 83.7439



178.3970, -21.8877, 67.1808



119.3430, -0.1691, 7.5922



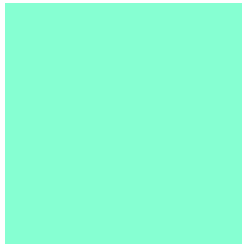
65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 213.6910, -1.8197, -69.8890 looks on a white background.

Color Contrast Check

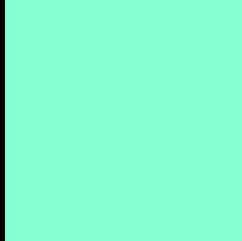
Large Text (above 18pt) WCAG AA × Fail

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 213.6910, -1.8197, -69.8890 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 213.6910, -1.8197, -69.8890

Background



This preview shows how black text looks on a background with the YUV color 213.6910, -1.8197, -69.8890.



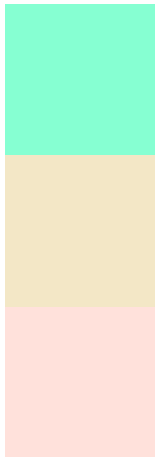
This preview shows how white text looks on a background with the YUV color 213.6910, -1.8197, -69.8890.

-69.8890.

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

213.6910, -1.8197, -69.8890

Protanopia

230.8260, -16.1832, 10.6766

Deuteranopia

233.2860, -7.0430, 19.0432



Tritanopia

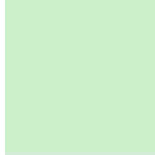
226.1400, 14.2280, -36.9568

Trichromacy



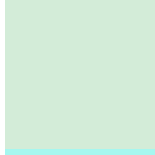
Original Color

213.6910, -1.8197, -69.8890



Protanomaly

224.6050, -11.1443, -18.9476



Deuteranomaly

226.2450, -5.0508, -13.3699



Tritanomaly

221.8690, 8.4456, -48.9971

Monochromacy



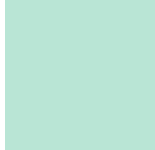
Original Color

213.6910, -1.8197, -69.8890



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.0200, -0.5029, -25.4505

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6910, -1.8197, -69.8890 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(134, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(134, 255, 210)  
}
```

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(134, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 255, 210) }
```

Border

The CSS property to change the border of an element to YUV 213.6910, -1.8197, -69.8890 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(134, 255, 210) }
```


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

```
.border{ border-color:rgb(134, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(134, 255,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 213.6910, -1.8197, -69.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 255, 210) }
```

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

```
.background{ background-color: rgb(134,  
255, 210) }
```

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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