

Converting Colors

YUV(209.8730, 8.9366,
-66.5406)

Have a look what the booklet for
YUV(209.8730, 8.9366, -66.5406)
contains.

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Color

**YUV(209.8730, 8.9366,
-66.5406)**

Conversions

Conversions Part 1

Format	Color
Hex	86F5E4
RGB	134, 245, 228
RGB Percent	53%, 96%, 89%
CMY	0.4745, 0.0392, 0.1059
CMYK	0.45, 0.00, 0.07, 0.04
HSL	171°, 85%, 74%
HSV	171°, 45%, 96%
XYZ	56.4875, 75.9746, 85.0861
YIQ	209.8730, -60.6990, -28.8190

Conversions

Conversions Part 2

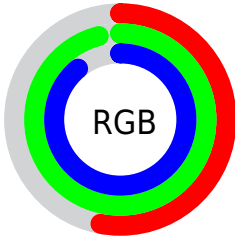
Format	Color
RYB	134, 194, 245
Decimal	8844772
CIELab	89.85, -35.86, -1.72
CIElCh	90, 35.901, 182.748
Yxy	75.9746, 0.2597, 0.3492
Android (android.graphics.Color)	4287034852 (0xFF86F5E4)
YUV	209.8730, 8.9366, -66.5406
Hunter-Lab	87.1634, -36.8564, 3.1374

Details

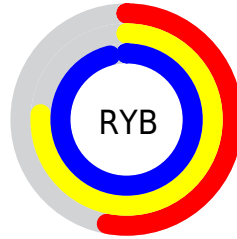
The YUV color **209.8730, 8.9366, -66.5406** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **169.1270, -8.9366, 66.5406**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **152.2040, 10.2524, -68.5849** is the 20% darker color. If you saturate the color by 10%, you get **202.2410, 10.7272, -80.8954**, and if you desaturate by 10%, it is **217.8040, 6.9986, -51.5711**.

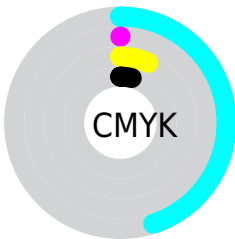
Distribution



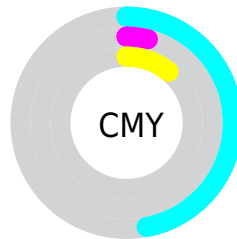
- Red (53%)
- Green (96%)
- Blue (89%)



- Red (53%)
- Yellow (76%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.8730, 8.9366, -66.5406 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 209.8730, 8.9366, -66.5406 by changing the saturation by 10% instead.

209.8730, 8.9366,
-66.5406

209.8730, 8.9366,
-66.5406

255.0000, 0.0000,
0.0000

180.9870, 9.3734,
-66.6406

236.4620, 9.1392,
-38.1162

152.2040, 10.2524,
-68.5849

245.1330, 4.8644,
-20.2876

122.8120, 11.4317,
-73.5031

254.1030, 0.4422,
-1.8443

92.3380, 13.6374,
-80.9804

74.3400, 10.6784,
-65.1962

57.5160, 7.1406,
-50.4415

40.9200, 4.4764,

-35.8868

■ 25.6120, 1.6703,
-22.4617

■ 0.4560, 1.7472,
-0.3999

■ 209.8730, 8.9366,
-66.5406

■ 209.8730, 8.9366,
-66.5406

■ 202.2410, 10.7272,
-80.8954

■ 217.8040, 6.9986,
-51.5711

■ 194.3100, 12.6652,
-95.8649

■ 225.4360, 5.2081,
-37.2164

■ 186.4930, 15.0400,
-110.9344

■ 233.2530, 2.8333,
-22.1469

■ 178.8610, 16.8305,
-125.2891

■ 240.8850, 1.0427,
-7.7921

■ 171.2290, 18.6211,
-139.6438

■ 248.2180, -0.6005,
5.9478

■ 167.4130, 19.5164,
-146.8212

■ 248.6740, 1.1467,
5.5479

■ 249.0160, 2.4571,
5.2480

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



214.8860, -10.7898, -39.3650



209.8730, 8.9366, -66.5406



207.2810, 23.5255, -79.1764

Triad

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



209.8730, 8.9366, -66.5406



226.1270, 14.2344, 7.7816



220.2000, -26.7206, 30.5196

Complementary

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



209.8730, 8.9366, -66.5406



169.1270, -8.9366, 66.5406

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.



217.6530, -13.6329, 32.7533



209.8730, 8.9366, -66.5406



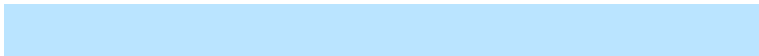
225.6500, 14.4696, 25.7400

Square

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



209.8730, 8.9366, -66.5406



218.5200, 17.9846, -28.5200



219.1810, 2.3758, 31.4133



223.8260, -32.9452, 20.3236

Rectangle

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



209.8730, 8.9366, -66.5406



208.2220, 23.0616, -70.3547



219.1810, 2.3758, 31.4133



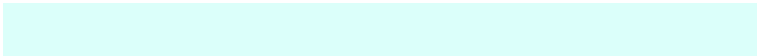
219.2370, -22.7948, 31.3642

Sweetspot

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



209.8730, 8.9366, -66.5406



243.6660, 3.1227, -21.6321



204.8380, -34.9231, -45.4619



120.9660, 1.4958, -13.1252



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.



209.8730, 8.9366, -66.5406



211.3440, 11.1694, -82.7397



190.0920, 27.0696, -49.1927



118.2980, 1.3321, -7.2773



127.1940, 15.1874, -111.5491



40.3330, 4.7658, -35.3720

Inverse Universe

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



169.1270, -8.9366, 66.5406



160.6560, -11.1694, 82.7397



188.9080, -27.0696, 49.1927



113.8160, -0.8953, 7.1774



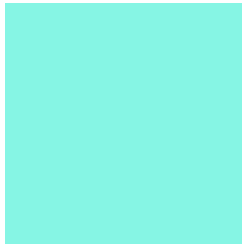
58.9200, -14.7506, 111.4492



18.6670, -4.7658, 35.3720

Previews

White Background



This preview shows how the YUV color 209.8730, 8.9366, -66.5406 looks on a white background.

Color Contrast Check

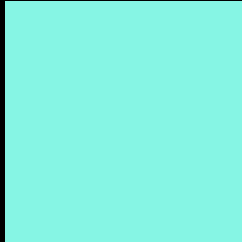
Large Text (above 18pt) WCAG AA × Fail

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 209.8730, 8.9366, -66.5406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

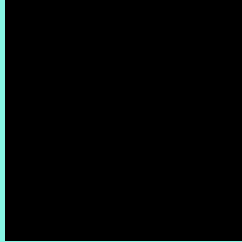
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

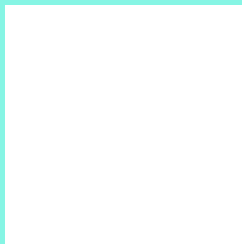
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 209.8730, 8.9366, -66.5406

Background



This preview shows how black text looks on a background with the YUV color 209.8730, 8.9366, -66.5406.



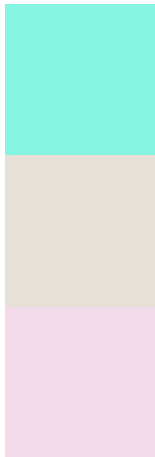
This preview shows how white text looks on a background with the YUV color 209.8730, 8.9366, -66.5406.

-66.5406.

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

209.8730, 8.9366, -66.5406

Protanopia

225.1810, -4.5262, 5.1033

Deuteranopia

227.0000, 3.4510, 13.1550



Tritanopia

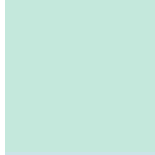
216.0180, 19.2181, -50.8818

Trichromacy



Original Color

209.8730, 8.9366, -66.5406



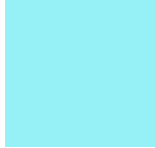
Protanomaly

219.8680, 0.0651, -20.9322



Deuteranomaly

220.9810, 5.4324, -15.7693



Tritanomaly

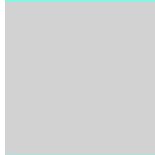
213.9480, 15.3086, -56.9594

Monochromacy



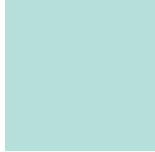
Original Color

209.8730, 8.9366, -66.5406



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.0570, 3.4229, -24.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8730, 8.9366, -66.5406 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, 245, 228)` looks like.

```
.text, #text, p{  
    color:rgb(134, 245, 228)  
}
```

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, 245, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 245, 228) }
```

Border

The CSS property to change the border of an element to YUV 209.8730, 8.9366, -66.5406 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, 245, 228) }
```


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

```
.border{ border-color:rgb(134, 245, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 245, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 245, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 245, 228);  
box-shadow:4px 4px 4px 4px rgb(134, 245,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 209.8730, 8.9366, -66.5406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 245, 228) }
```

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

```
.background{ background-color: rgb(134,  
245, 228) }
```

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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