

Converting Colors

YUV(213.0670, 14.7570,
-66.7108)

Have a look what the booklet for
YUV(213.0670, 14.7570, -66.7108)
contains.

YUV(213.0670, 14.7570, -66.7108)	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(213.0670, 14.7570,
-66.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	89F6F3
RGB	137, 246, 243
RGB Percent	54%, 96%, 95%
CMY	0.4627, 0.0353, 0.0471
CMYK	0.44, 0.00, 0.01, 0.04
HSL	178°, 86%, 75%
HSV	178°, 44%, 96%
XYZ	59.4500, 77.7010, 96.6585
YIQ	213.0670, -64.0010, -24.0410

Conversions

Conversions Part 2

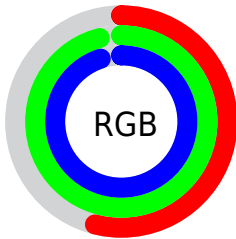
Format	Color
RYB	137, 192, 246
Decimal	9041651
CIELab	90.64, -32.07, -8.35
CIELCh	91, 33.135, 194.593
Yxy	77.7010, 0.2543, 0.3323
Android (android.graphics.Color)	4287231731 (0xFF89F6F3)
YUV	213.0670, 14.7570, -66.7108
Hunter-Lab	88.1482, -33.8731, -3.3105

Details

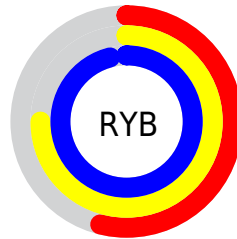
The YUV color **213.0670, 14.7570, -66.7108** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **169.9330, -14.7570, 66.7108**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3590, 8.6970, -36.2718**, and **155.2840, 15.6360, -68.6551** is the 20% darker color. If you saturate the color by 10%, you get **205.4780, 18.0053, -81.9802**, and if you desaturate by 10%, it is **220.6560, 11.5086, -51.4413**.

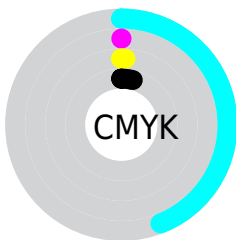
Distribution



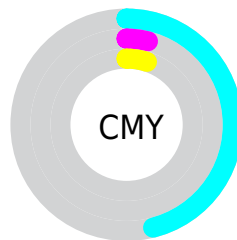
- Red (54%)
- Green (96%)
- Blue (95%)



- Red (54%)
- Yellow (75%)
- Blue (96%)



- Cyan (44%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (46%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0670, 14.7570, -66.7108 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 213.0670, 14.7570, -66.7108 by changing the saturation by 10% instead.

213.0670, 14.7570,
-66.7108

213.0670, 14.7570,
-66.7108

255.0000, 0.0000,
0.0000

183.8820, 15.3412,
-67.4255

237.3590, 8.6970,
-36.2718

155.2840, 15.6360,
-68.6551

246.3290, 4.2748,
-17.8285

125.5930, 16.9627,
-74.1881

94.5210, 19.4631,
-82.8949

76.9960, 15.7780,
-67.5255

59.4710, 12.0928,
-52.1561

42.7610, 8.9918,

-37.5014

■ 27.3390, 5.7489,
-23.9763

■ 5.2150, 7.2890,
-4.5736

■ 213.0670, 14.7570,
-66.7108

■ 213.0670, 14.7570,
-66.7108

■ 205.4780, 18.0053,
-81.9802

■ 220.6560, 11.5086,
-51.4413

■ 198.3020, 21.5431,
-96.7349

■ 227.8320, 7.9708,
-36.6867

■ 190.7130, 24.7915,
-112.0043

■ 235.4210, 4.7224,
-21.4172

■ 183.4230, 27.8925,
-126.6590

■ 242.7110, 1.6215,
-6.7625

■ 175.9480, 31.5776,
-142.0284

■ 248.6910, -1.3267,
5.5330

■ 171.6480, 33.2045,
-150.5353

■ 248.8050, -0.8899,
5.4330

■ 248.9190, -0.4531,
5.3330

■ 249.0330, -0.0163,
5.2331

Harmonies

Analogous

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



216.7910, -3.3480, -46.2977



213.0670, 14.7570, -66.7108



212.3750, 21.0141, -66.9809

Triad

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



213.0670, 14.7570, -66.7108



230.6230, 12.0179, 18.7476



225.1240, -28.1621, 26.2013

Complementary

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



213.0670, 14.7570, -66.7108



169.9330, -14.7570, 66.7108

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.



221.1920, -17.8427, 29.6496



213.0670, 14.7570, -66.7108



225.7980, 9.9596, 25.6102

Square

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



213.0670, 14.7570, -66.7108



224.8210, 14.8782, -12.1210



220.9760, -3.4392, 29.8390



224.7860, -28.9815, 8.9577

Rectangle

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



213.0670, 14.7570, -66.7108



215.1100, 19.6658, -54.4705



220.9760, -3.4392, 29.8390



223.2320, -25.2574, 27.8605

Sweetspot

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



213.0670, 14.7570, -66.7108



245.0190, 4.4276, -20.1877



202.1790, -32.1332, -53.6540



121.6070, 2.6587, -12.8103



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

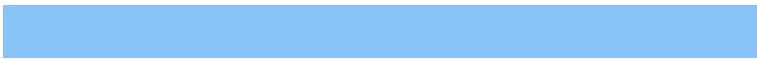
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.0670, 14.7570, -66.7108



214.1790, 18.1528, -82.5950



183.4720, 30.8263, -40.7559



118.4120, 1.7689, -7.3773



129.8160, 25.2337, -113.8486



41.1310, 7.8234, -36.0719

Inverse Universe

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



169.9330, -14.7570, 66.7108



160.8210, -18.1528, 82.5950



199.5280, -30.8263, 40.7559



113.5880, -1.7689, 7.3773



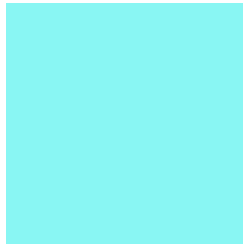
56.1840, -25.2337, 113.8486



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 213.0670, 14.7570, -66.7108 looks on a white background.

Color Contrast Check

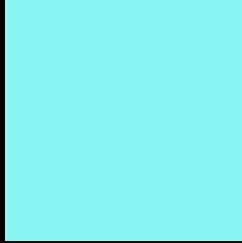
Large Text (above 18pt) WCAG AA × Fail

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 213.0670, 14.7570, -66.7108 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 213.0670, 14.7570, -66.7108

Background



This preview shows how black text looks on a background with the YUV color 213.0670, 14.7570, -66.7108.



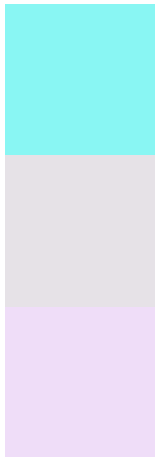
This preview shows how white text looks on a background with the YUV color 213.0670, 14.7570,

-66.7108.

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

213.0670, 14.7570, -66.7108

Protanopia

227.7660, 1.5944, 1.9592

Deuteranopia

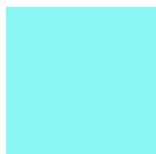
229.4600, 9.1402, 8.3666



Tritanopia

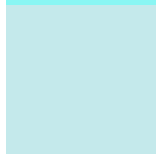
219.2960, 17.6021, -45.8636

Trichromacy



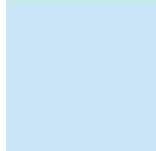
Original Color

213.0670, 14.7570, -66.7108



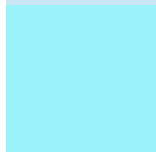
Protanomaly

222.1650, 6.3277, -22.9467



Deuteranomaly

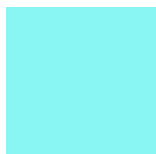
223.4520, 11.1162, -18.8134



Tritanomaly

217.3120, 16.6082, -53.7706

Monochromacy



Original Color

213.0670, 14.7570, -66.7108



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.9260, 5.4595, -24.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0670, 14.7570, -66.7108 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(137, 246, 243)` looks like.

```
.text, #text, p{  
    color:rgb(137, 246, 243)  
}
```

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(137, 246, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 246, 243) }
```

Border

The CSS property to change the border of an element to YUV 213.0670, 14.7570, -66.7108 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(137, 246, 243) }
```


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

```
.border{ border-color:rgb(137, 246, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 246, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 246, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 246, 243);  
box-shadow:4px 4px 4px 4px rgb(137, 246,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 213.0670, 14.7570, -66.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 246, 243) }
```

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

```
.background{ background-color: rgb(137,  
246, 243) }
```

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