

Converting Colors

YUV(211.6720, 13.9657,
-46.1933)

Have a look what the booklet for
YUV(211.6720, 13.9657, -46.1933)
contains.

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Color

**YUV(211.6720, 13.9657,
-46.1933)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE9F0
RGB	159, 233, 240
RGB Percent	62%, 91%, 94%
CMY	0.3765, 0.0863, 0.0588
CMYK	0.34, 0.03, 0.00, 0.06
HSL	185°, 73%, 78%
HSV	185°, 34%, 94%
XYZ	59.1652, 71.9400, 93.2056
YIQ	211.6720, -46.3510, -13.5110

Conversions

Conversions Part 2

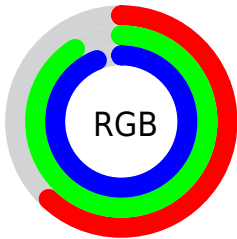
Format	Color
R _Y B	159, 198, 240
Decimal	10480112
CIE Lab	87.94, -21.10, -10.69
CIE LCh	88, 23.652, 206.879
Yxy	71.9400, 0.2638, 0.3207
Android (android.graphics.Color)	4288670192 (0xFF9FE9F0)
YUV	211.6720, 13.9657, -46.1933
Hunter-Lab	84.8175, -23.9163, -5.7813

Details

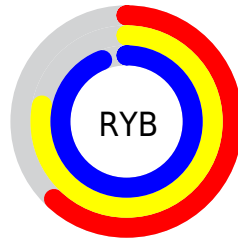
The YUV color **211.6720, 13.9657, -46.1933** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **187.3280, -13.9657, 46.1933**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, 5.7489, -23.9763**, and **155.9710, 13.8183, -45.5786** is the 20% darker color. If you saturate the color by 10%, you get **203.3220, 18.0823, -59.9184**, and if you desaturate by 10%, it is **220.0220, 9.8492, -32.4683**.

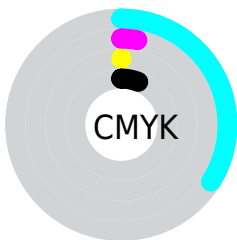
Distribution



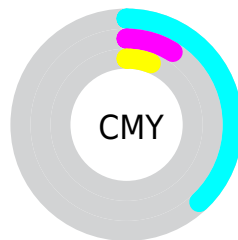
- Red (62%)
- Green (91%)
- Blue (94%)



- Red (62%)
- Yellow (78%)
- Blue (94%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (38%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.6720, 13.9657, -46.1933 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 211.6720, 13.9657, -46.1933 by changing the saturation by 10% instead.

■ 211.6720, 13.9657,
-46.1933

■ 211.6720, 13.9657,
-46.1933

255.0000, 0.0000,
0.0000

■ 183.6720, 13.9657,
-46.1933

■ 243.3390, 5.7489,
-23.9763

■ 155.9710, 13.8183,
-45.5786

■ 252.0100, 1.4741,
-6.1478

■ 128.6720, 13.9657,
-46.1933

■ 101.7750, 14.4079,
-48.0377

■ 72.8880, 16.3242,
-56.0298

■ 53.3730, 14.1131,
-46.8081

■ 37.2500, 10.7227,

-32.6683

■ 23.0020, 6.9010,
-20.1728

■ 2.4110, 6.6994,
-2.1144

■ 211.6720, 13.9657,
-46.1933

■ 211.6720, 13.9657,
-46.1933

■ 203.3220, 18.0823,
-59.9184

■ 220.0220, 9.8492,
-32.4683

■ 194.9720, 22.1988,
-73.6434

■ 228.3720, 5.7326,
-18.7432

■ 186.6220, 26.3154,
-87.3685

■ 236.7220, 1.6161,
-5.0182

■ 178.2720, 30.4319,
-101.0935

■ 245.0720, -2.5005,
8.7069

■ 169.9220, 34.5485,
-114.8186

■ 246.2460, -3.0793,
7.6773

■ 161.5720, 38.6650,
-128.5436

■ 247.4200, -3.6581,
6.6477

■ 155.9130, 41.4549,
-136.7357

■ 249.1810, -4.5262,
5.1033

■ 250.3550, -5.1050,
4.0737

■ 251.5290, -5.6838,
3.0441

Harmonies

Analogous

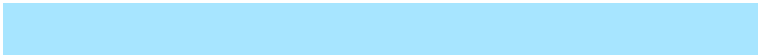
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.0400, 2.4453, -37.7461



211.6720, 13.9657, -46.1933



213.4260, 20.4960, -40.7156

Triad

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



211.6720, 13.9657, -46.1933



224.7650, 9.9759, 20.3771



219.7900, -21.5885, 17.7242

Complementary

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



211.6720, 13.9657, -46.1933



187.3280, -13.9657, 46.1933

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.



221.0780, -18.2795, 29.7496



211.6720, 13.9657, -46.1933



222.1160, 0.9288, 28.8393

Square

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



211.6720, 13.9657, -46.1933



222.2400, 16.1507, -0.2105



220.0810, -9.4069, 30.6240



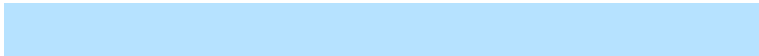
217.1790, -18.3292, -1.0340

Rectangle

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



211.6720, 13.9657, -46.1933



216.1500, 19.1530, -29.9496



220.0810, -9.4069, 30.6240



220.8230, -21.6047, 22.9572

Sweetspot

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



211.6720, 13.9657, -46.1933



246.3510, 4.2640, -14.3398



207.3450, -20.3831, -42.3986



122.0420, 2.9373, -8.8068



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.



211.6720, 13.9657, -46.1933



218.3220, 18.0823, -59.9184



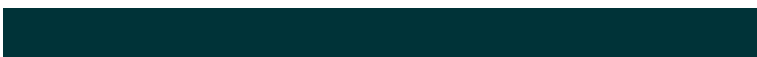
188.1920, 25.5413, -25.6014



115.8250, 2.0583, -6.8625



119.5920, 31.7531, -104.8822



36.3210, 9.7017, -31.8535

Inverse Universe

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



191.6550, 20.3831, 42.3986



192.3390, 26.4549, 54.9537



210.8080, -25.5413, 25.6014



112.8420, 3.0359, 6.2776



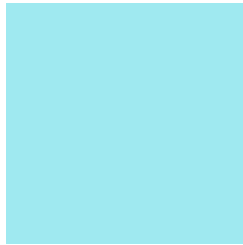
74.1680, 46.2592, 96.3227



22.5580, 14.0219, 29.3286

Previews

White Background



This preview shows how the YUV color 211.6720, 13.9657, -46.1933 looks on a white background.

Color Contrast Check

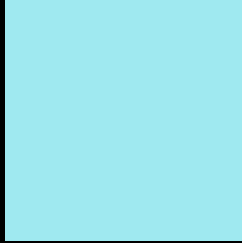
Large Text (above 18pt) WCAG AA × Fail

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 211.6720, 13.9657, -46.1933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

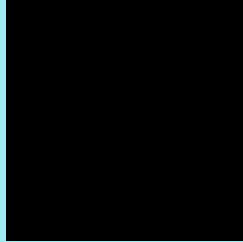
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 211.6720, 13.9657, -46.1933

Background



This preview shows how black text looks on a background with the YUV color 211.6720, 13.9657, -46.1933.



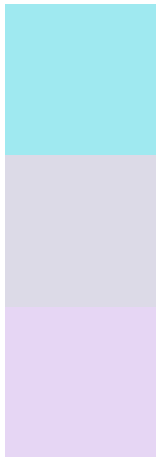
This preview shows how white text looks on a background with the YUV color 211.6720, 13.9657, -46.1933.

-46.1933.

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

211.6720, 13.9657, -46.1933

Protanopia

220.0800, 5.3836, -0.0702

Deuteranopia

222.2040, 10.7454, 6.8371



Tritanopia

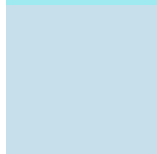
212.2360, 18.6177, -44.9340

Trichromacy



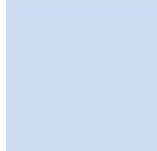
Original Color

211.6720, 13.9657, -46.1933



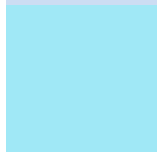
Protanomaly

216.7790, 8.4900, -16.4692



Deuteranomaly

218.4250, 12.1155, -12.6507



Tritanomaly

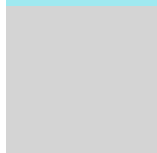
212.0680, 16.7285, -45.6636

Monochromacy



Original Color

211.6720, 13.9657, -46.1933



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.1550, 4.8536, -16.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.6720, 13.9657, -46.1933 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(159, 233, 240)` looks like.

```
.text, #text, p{  
    color:rgb(159, 233, 240)  
}
```

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(159, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 233, 240) }
```

Border

The CSS property to change the border of an element to YUV 211.6720, 13.9657, -46.1933 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(159, 233, 240) }
```


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

```
.border{ border-color:rgb(159, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(159, 233,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 211.6720, 13.9657, -46.1933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 233, 240) }
```

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

```
.background{ background-color: rgb(159,  
233, 240) }
```

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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