

Converting Colors

YUV(217.0710, 18.6990,
-71.0993)

Have a look what the booklet for
YUV(217.0710, 18.6990, -71.0993)
contains.

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Color

**YUV(217.0710, 18.6990,
-71.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	88FBFF
RGB	136, 251, 255
RGB Percent	53%, 98%, 100%
CMY	0.4667, 0.0157, 0.0000
CMYK	0.47, 0.02, 0.00, 0.00
HSL	182°, 100%, 77%
HSV	182°, 47%, 100%
XYZ	62.7005, 81.4486, 107.0242
YIQ	217.0710, -69.8240, -23.1360

Conversions

Conversions Part 2

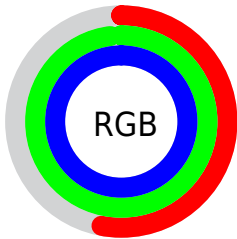
Format	Color
RYB	136, 194, 255
Decimal	8977407
CIELab	92.33, -31.68, -12.08
CIELCh	92, 33.909, 200.866
Yxy	81.4486, 0.2496, 0.3243
Android (android.graphics.Color)	4287167487 (0xFF88FBFF)
YUV	217.0710, 18.6990, -71.0993
Hunter-Lab	90.2489, -33.9224, -7.1365

Details

The YUV color **217.0710, 18.6990, -71.0993** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **173.9290, -18.6990, 71.0993**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3590, 8.6970, -36.2718**, and **158.5760, 19.4360, -74.1732** is the 20% darker color. If you saturate the color by 10%, you get **209.0090, 22.6736, -85.9539**, and if you desaturate by 10%, it is **225.4320, 14.5770, -55.6299**.

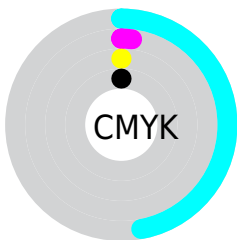
Distribution



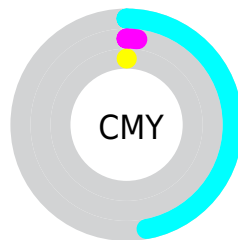
- Red (53%)
- Green (98%)
- Blue (100%)



- Red (53%)
- Yellow (76%)
- Blue (100%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0710, 18.6990, -71.0993 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 217.0710, 18.6990, -71.0993 by changing the saturation by 10% instead.

217.0710, 18.6990,
-71.0993

217.0710, 18.6990,
-71.0993

255.0000, 0.0000,
0.0000

187.7720, 18.8464,
-71.7140

237.3590, 8.6970,
-36.2718

158.5760, 19.4360,
-74.1732

246.3290, 4.2748,
-17.8285

127.6890, 21.3523,
-82.1653

98.7100, 22.8210,
-86.5687

80.4840, 18.9884,
-70.5845

62.9590, 15.3032,
-55.2150

46.2490, 12.2022,

-40.5604

■ 30.1260, 8.8119,
-26.4205

■ 12.5840, 7.6001,
-11.0362

■ 217.0710, 18.6990,
-71.0993

■ 217.0710, 18.6990,
-71.0993

■ 209.0090, 22.6736,
-85.9539

■ 225.4320, 14.5770,
-55.6299

■ 200.6480, 26.7955,
-101.4233

■ 233.4940, 10.6025,
-40.7752

■ 192.5860, 30.7701,
-116.2779

■ 241.8550, 6.4805,
-25.3058

■ 184.8120, 34.6027,
-132.2621

■ 249.3300, 2.7953,
-9.9364

■ 176.7500, 38.5772, 255.0000, 0.0000,
-147.1167 0.0000

■ 173.4720, 40.1933,
-152.1349

Harmonies

Analogous

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



220.4850, 0.7469, -53.0453



217.0710, 18.6990, -71.0993



216.5170, 18.9721, -65.3514

Triad

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



217.0710, 18.6990, -71.0993



232.6940, 10.9969, 19.5624



228.7600, -29.4617, 23.0125

Complementary

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



217.0710, 18.6990, -71.0993



173.9290, -18.6990, 71.0993

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.



224.6000, -20.0158, 26.6608



217.0710, 18.6990, -71.0993



227.3310, 8.2178, 24.2657

Square

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



217.0710, 18.6990, -71.0993



229.8820, 12.3832, -5.1585



223.5690, -6.1965, 27.5650



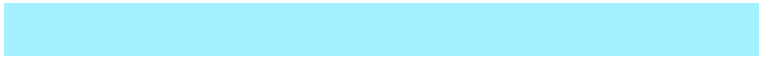
228.9810, -28.0916, 3.5247

Rectangle

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



217.0710, 18.6990, -71.0993



220.1600, 17.1761, -49.2523



223.5690, -6.1965, 27.5650



227.3410, -27.2831, 24.2569

Sweetspot

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



217.0710, 18.6990, -71.0993



243.6490, 5.5960, -21.6172



206.3090, -32.6903, -61.6610



120.8350, 3.5323, -13.0103



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.



217.0710, 18.6990, -71.0993



209.3080, 22.5262, -85.3391



182.4380, 35.7731, -40.7261



123.5260, 2.2057, -7.4773



130.3690, 29.8911, -114.3336



43.6900, 10.0128, -38.3161

Inverse Universe

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



184.6910, 32.6903, 61.6610



170.4890, 39.1989, 74.1161



208.5620, -35.7731, 40.7261



120.2550, 3.3253, 6.7924



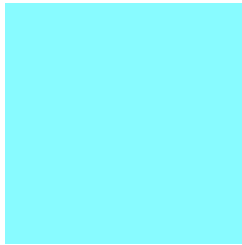
78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 217.0710, 18.6990, -71.0993 looks on a white background.

Color Contrast Check

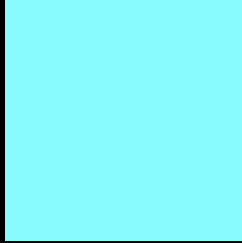
Large Text (above 18pt) WCAG AA × Fail

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 217.0710, 18.6990, -71.0993 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 217.0710, 18.6990, -71.0993

Background



This preview shows how black text looks on a background with the YUV color 217.0710, 18.6990, -71.0993.



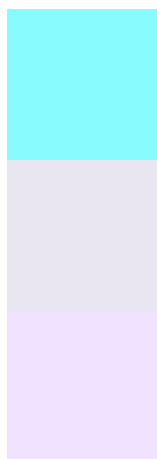
This preview shows how white text looks on a background with the YUV color 217.0710, 18.6990, -71.0993.

-71.0993.

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

217.0710, 18.6990, -71.0993

Protanopia

232.2650, 4.7994, 0.6446

Deuteranopia

233.7800, 10.4615, 4.5779



Tritanopia

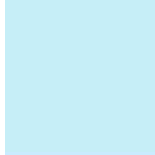
225.8410, 14.3754, -37.5716

Trichromacy



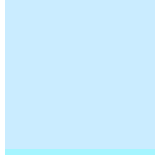
Original Color

217.0710, 18.6990, -71.0993



Protanomaly

227.0660, 9.8275, -25.4909



Deuteranomaly

228.0000, 13.3110, -22.8020



Tritanomaly

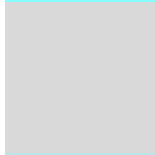
222.5190, 16.0131, -49.5672

Monochromacy



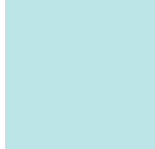
Original Color

217.0710, 18.6990, -71.0993



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.9690, 6.9173, -25.4058

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0710, 18.6990, -71.0993 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(136, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 251, 255)  
}
```

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(136, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 251, 255) }
```

Border

The CSS property to change the border of an element to YUV 217.0710, 18.6990, -71.0993 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(136, 251, 255) }
```


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

```
.border{ border-color:rgb(136, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(136, 251,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 217.0710, 18.6990, -71.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 251, 255) }
```

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

```
.background{ background-color: rgb(136,  
251, 255) }
```

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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