

Converting Colors

YUV(214.7600, 3.5693,
-71.7035)

Have a look what the booklet for
YUV(214.7600, 3.5693, -71.7035)
contains.

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Color

**YUV(214.7600, 3.5693,
-71.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	85FFDE
RGB	133, 255, 222
RGB Percent	52%, 100%, 87%
CMY	0.4784, 0.0000, 0.1294
CMYK	0.48, 0.00, 0.13, 0.00
HSL	164°, 100%, 76%
HSV	164°, 48%, 100%
XYZ	58.6177, 81.7805, 81.8030
YIQ	214.7600, -62.1190, -36.1270

Conversions

Conversions Part 2

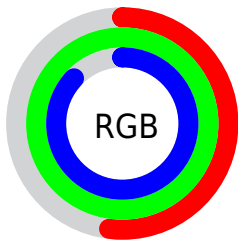
Format	Color
RYB	133, 204, 255
Decimal	8781790
CIELab	92.48, -41.98, 5.21
CIELCh	92, 42.301, 172.919
Yxy	81.7805, 0.2638, 0.3680
Android (android.graphics.Color)	4286971870 (0xFF85FFDE)
YUV	214.7600, 3.5693, -71.7035
Hunter-Lab	90.4326, -42.5547, 9.6706

Details

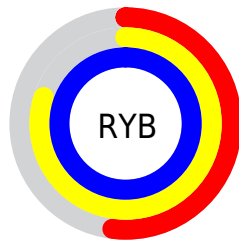
The YUV color **214.7600, 3.5693, -71.7035** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **173.2400, -3.5693, 71.7035**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, 9.2866, -38.7310**, and **156.7920, 5.0325, -74.3626** is the 20% darker color. If you saturate the color by 10%, you get **206.4870, 4.1969, -86.3731**, and if you desaturate by 10%, it is **223.3320, 2.7943, -56.4192**.

Distribution



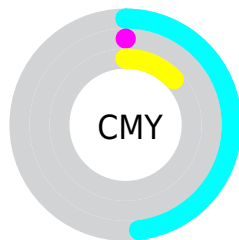
- Red (52%)
- Green (100%)
- Blue (87%)



- Red (52%)
- Yellow (80%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7600, 3.5693, -71.7035 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 214.7600, 3.5693, -71.7035 by changing the saturation by 10% instead.

 214.7600, 3.5693,
-71.7035


 214.7600, 3.5693,
-71.7035


255.0000, 0.0000,
0.0000


 185.5750, 4.1535,
-72.4183


 236.1630, 9.2866,
-38.7310


 156.7920, 5.0325,
-74.3626


 245.1330, 4.8644,
-20.2876

 125.7310, 7.5276,
-81.3251

 254.1030, 0.4422,
-1.8443

 97.0510, 8.8489,
-85.1137

 79.0530, 5.8899,
-69.3295

 61.0550, 2.9309,
-53.5452

 44.4590, 0.2667,

-38.9905

■ 28.5640, -2.2501,
-25.0506

■ 9.3920, -4.6303,
-8.2368

■ 214.7600, 3.5693,
-71.7035

■ 214.7600, 3.5693,
-71.7035

■ 206.4870, 4.1969,
-86.3731

■ 223.3320, 2.7943,
-56.4192

■ 197.9150, 4.9719,
-101.6575

■ 231.6050, 2.1667,
-41.7496

■ 189.6420, 5.5995,
-116.3270

■ 240.1770, 1.3917,
-26.4652

■ 181.0700, 6.3745,
-131.6114

■ 248.4500, 0.7642,
-11.7956

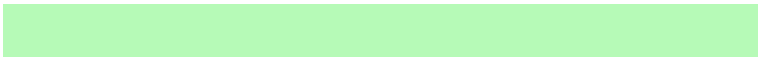
■ 172.9110, 7.4389, 255.0000, 0.0000,
-146.3809 0.0000

■ 170.8890, 7.4497,
-149.8697

Harmonies

Analogous

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



222.0300, -19.2418, -35.1063



214.7600, 3.5693, -71.7035



206.8610, 23.7325, -98.9791

Triad

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



214.7600, 3.5693, -71.7035



229.0070, 12.8145, -3.5141



221.2430, -25.2628, 29.6049

Complementary

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



214.7600, 3.5693, -71.7035



173.2400, -3.5693, 71.7035

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.



219.2490, -7.5178, 31.3536



214.7600, 3.5693, -71.7035



229.7590, 12.4438, 22.1364

Square

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



214.7600, 3.5693, -71.7035



218.3880, 18.0497, -49.4523



223.3360, 10.6804, 27.7693



227.5230, -36.7398, 24.0973

Rectangle

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



214.7600, 3.5693, -71.7035



205.1000, 24.6007, -97.4347



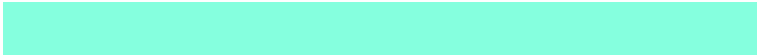
223.3360, 10.6804, 27.7693



220.0350, -19.7373, 30.6643

Sweetspot

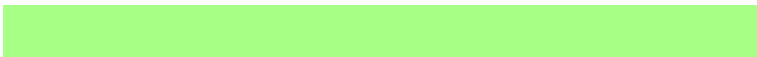
The Sweet Spot groups the original color and five complimentary colors.



214.7600, 3.5693, -71.7035



243.0960, 0.9387, -21.1322



215.0790, -40.4649, -41.2883



120.7380, 0.6222, -12.9252



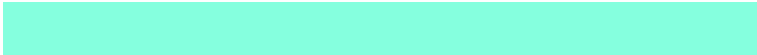
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



214.7600, 3.5693, -71.7035



207.1990, 4.3389, -85.2435



203.2600, 25.5078, -61.6180



123.6570, 0.1691, -7.5922



128.0770, 5.8780, -112.3235



42.9260, 2.0085, -37.6461

Inverse Universe

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



173.2400, -3.5693, 71.7035



157.8010, -4.3389, 85.2435



184.7400, -25.5078, 61.6180



119.2290, -0.6059, 7.6922



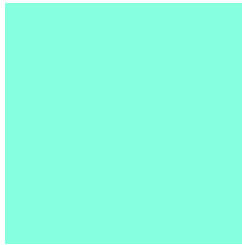
63.0370, -5.4412, 112.2236



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 214.7600, 3.5693, -71.7035 looks on a white background.

Color Contrast Check

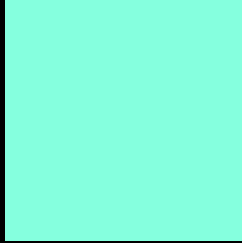
Large Text (above 18pt) WCAG AA × Fail

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 214.7600, 3.5693, -71.7035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

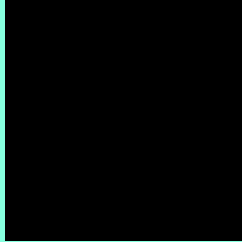
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

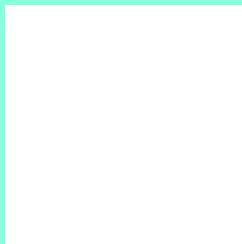
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.7600, 3.5693, -71.7035

Background



This preview shows how black text looks on a background with the YUV color 214.7600, 3.5693, -71.7035.



This preview shows how white text looks on a background with the YUV color 214.7600, 3.5693, -71.7035.

-71.7035.

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

214.7600, 3.5693, -71.7035

Protanopia

231.4820, -11.0836, 8.3473

Deuteranopia

234.4260, -2.6750, 18.0434



Tritanopia

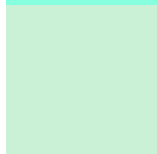
226.4390, 14.0806, -36.3420

Trichromacy



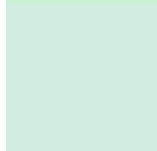
Original Color

214.7600, 3.5693, -71.7035



Protanomaly

225.6740, -5.7553, -20.7621



Deuteranomaly

227.3850, -0.6828, -14.3696



Tritanomaly

222.3250, 10.1928, -49.3970

Monochromacy



Original Color

214.7600, 3.5693, -71.7035



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.1770, 1.3917, -26.4652

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7600, 3.5693, -71.7035 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(133, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 222)  
}
```

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(133, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 222) }
```

Border

The CSS property to change the border of an element to YUV 214.7600, 3.5693, -71.7035 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(133, 255, 222) }
```


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

```
.border{ border-color:rgb(133, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 214.7600, 3.5693, -71.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 222) }
```

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

```
.background{ background-color: rgb(133,  
255, 222) }
```

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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