

Converting Colors

YUV(213.5600, 0.2169,
-69.7741)

Have a look what the booklet for
YUV(213.5600, 0.2169, -69.7741)
contains.

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Color

**YUV(213.5600, 0.2169,
-69.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	86FED6
RGB	134, 254, 214
RGB Percent	53%, 100%, 84%
CMY	0.4745, 0.0039, 0.1608
CMYK	0.47, 0.00, 0.16, 0.00
HSL	160°, 98%, 76%
HSV	160°, 47%, 100%
XYZ	57.4109, 80.8070, 76.1898
YIQ	213.5600, -58.6800, -37.8800

Conversions

Conversions Part 2

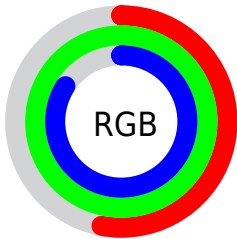
Format	Color
RYB	134, 206, 254
Decimal	8847062
CIELab	92.05, -43.06, 8.73
CIELCh	92, 43.932, 168.542
Yxy	80.8070, 0.2678, 0.3769
Android (android.graphics.Color)	4287037142 (0xFF86FED6)
YUV	213.5600, 0.2169, -69.7741
Hunter-Lab	89.8927, -43.3113, 12.6729

Details

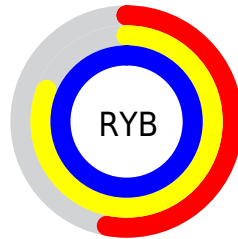
The YUV color $213.5600, 0.2169, -69.7741$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $174.4400, -0.2169, 69.7741$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.4620, 9.1392, -38.1162$, and $155.5920, 1.6801, -72.4332$ is the 20% darker color. If you saturate the color by 10%, you get $205.1730, 0.4077, -84.3437$, and if you desaturate by 10%, it is $221.9470, 0.0261, -55.2045$.

Distribution



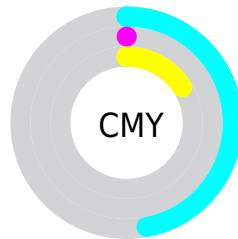
- Red (53%)
- Green (100%)
- Blue (84%)



- Red (53%)
- Yellow (81%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5600, 0.2169, -69.7741 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 213.5600, 0.2169, -69.7741 by changing the saturation by 10% instead.

 213.5600, 0.2169,
-69.7741


 213.5600, 0.2169,
-69.7741

255.0000, 0.0000,
0.0000


 184.3750, 0.8011,
-70.4889


 236.4620, 9.1392,
-38.1162


 155.5920, 1.6801,
-72.4332

 245.4320, 4.7170,
-19.6729


 125.4280, 3.7330,
-77.5514

 254.4020, 0.2948,
-1.2296

 95.6660, 6.0807,
-83.8991

 77.6680, 3.1217,
-68.1148

 59.7840, 0.5995,
-52.4306

 43.1880, -2.0647,

-37.8759

■ 27.8800, -4.8708,
-24.4508

■ 8.2180, -4.0515,
-7.2072

■ 213.5600, 0.2169,
-69.7741

■ 213.5600, 0.2169,
-69.7741

■ 205.1730, 0.4077,
-84.3437

■ 221.9470, 0.0261,
-55.2045

■ 196.3730, 0.3091,
-99.4281

■ 230.7470, 0.1247,
-40.1201

■ 187.9860, 0.4999,
-113.9977

■ 239.1340, -0.0661,
-25.5505

■ 179.1860, 0.4013,
-129.0821

■ 247.9340, 0.0325,
-10.4661

■ 170.7990, 0.5921,
-143.6517

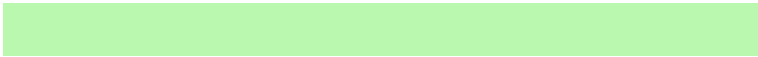
254.4130, 0.2894,
0.5148

■ 168.3640, 0.3135,
-147.6552

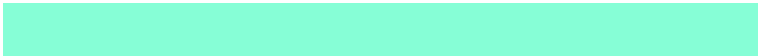
Harmonies

Analogous

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



221.1400, -22.7470, -30.8178



213.5600, 0.2169, -69.7741



204.1700, 25.0592, -104.5121

Triad

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



213.5600, 0.2169, -69.7741



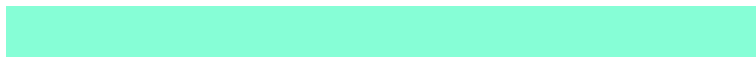
226.3050, 14.1466, -10.7915



219.0090, -23.6684, 31.5641

Complementary

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



213.5600, 0.2169, -69.7741



174.4400, -0.2169, 69.7741

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.



217.8300, -5.3392, 32.5981



213.5600, 0.2169, -69.7741



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.



213.5600, 0.2169, -69.7741



214.4900, 19.9714, -59.1887



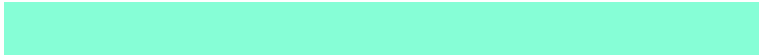
223.3190, 13.1537, 27.7842



224.8330, -36.8927, 26.4565

Rectangle

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



213.5600, 0.2169, -69.7741



200.6040, 26.8172, -108.4007



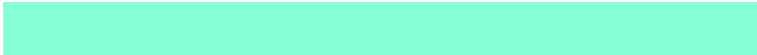
223.3190, 13.1537, 27.7842



217.9150, -17.7061, 32.5235

Sweetspot

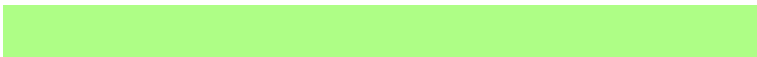
The Sweet Spot groups the original color and five complimentary colors.



213.5600, 0.2169, -69.7741



242.8680, 0.0651, -20.9322



216.4000, -40.6232, -37.1848



120.5100, -0.2514, -12.7253



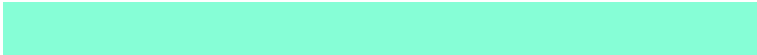
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



213.5600, 0.2169, -69.7741



206.1730, 0.4077, -84.3437



206.3800, 23.4767, -63.4773



123.5430, -0.2677, -7.4922



126.5950, 0.1997, -111.0238



42.3560, -0.1755, -37.1462

Inverse Universe

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



174.4400, -0.2169, 69.7741



158.8270, -0.4077, 84.3437



181.6200, -23.4767, 63.4773



119.3430, -0.1691, 7.5922



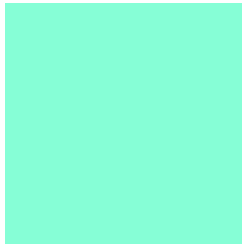
64.4050, -0.1997, 111.0238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 213.5600, 0.2169, -69.7741 looks on a white background.

Color Contrast Check

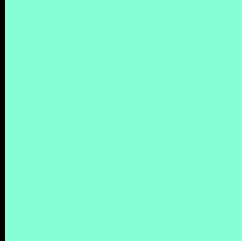
Large Text (above 18pt) WCAG AA × Fail

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 213.5600, 0.2169, -69.7741 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 213.5600, 0.2169, -69.7741 Background



This preview shows how black text looks on a background with the YUV color 213.5600, 0.2169, -69.7741.



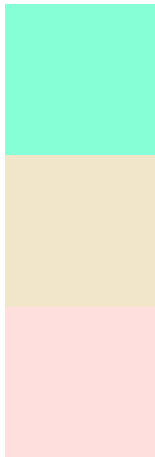
This preview shows how white text looks on a background with the YUV color 213.5600, 0.2169,

-69.7741.

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

213.5600, 0.2169, -69.7741

Protanopia

230.3960, -13.9992, 10.1767

Deuteranopia

232.3400, -5.5906, 19.8728



Tritanopia

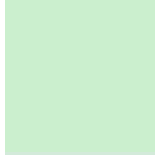
224.9550, 14.8122, -37.6715

Trichromacy



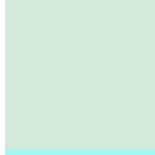
Original Color

213.5600, 0.2169, -69.7741



Protanomaly

224.4740, -9.1077, -18.8327



Deuteranomaly

225.2990, -3.5984, -12.5402



Tritanomaly

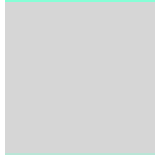
221.0970, 9.3192, -49.1971

Monochromacy



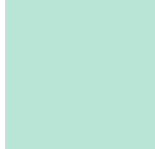
Original Color

213.5600, 0.2169, -69.7741



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.1340, -0.0661, -25.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5600, 0.2169, -69.7741 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, 254, 214)` looks like.

```
.text, #text, p{  
    color:rgb(134, 254, 214)  
}
```

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, 254, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 254, 214) }
```

Border

The CSS property to change the border of an element to YUV 213.5600, 0.2169, -69.7741 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, 254, 214) }
```


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

```
.border{ border-color:rgb(134, 254, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 254, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 254, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 254, 214);  
box-shadow:4px 4px 4px 4px rgb(134, 254,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 213.5600, 0.2169, -69.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 254, 214) }
```

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

```
.background{ background-color: rgb(134,  
254, 214) }
```

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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