

Converting Colors

YUV(215.6700, -3.2883,
-65.4856)

Have a look what the booklet for
YUV(215.6700, -3.2883, -65.4856)
contains.

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Color

**YUV(215.6700, -3.2883,
-65.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFFD1
RGB	141, 255, 209
RGB Percent	55%, 100%, 82%
CMY	0.4471, 0.0000, 0.1804
CMYK	0.45, 0.00, 0.18, 0.00
HSL	156°, 100%, 78%
HSV	156°, 45%, 100%
XYZ	58.2531, 81.7862, 73.0376
YIQ	215.6700, -53.1780, -38.4740

Conversions

Conversions Part 2

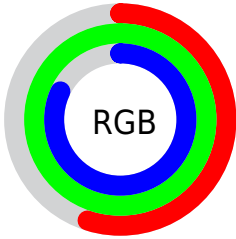
Format	Color
RYB	141, 212, 255
Decimal	9306065
CIELab	92.48, -42.87, 11.96
CIELCh	92, 44.510, 164.414
Yxy	81.7862, 0.2734, 0.3838
Android (android.graphics.Color)	4287496145 (0xFF8DFFD1)
YUV	215.6700, -3.2883, -65.4856
Hunter-Lab	90.4357, -43.2837, 15.4212

Details

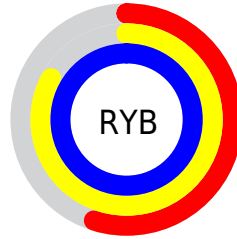
The YUV color **215.6700, -3.2883, -65.4856** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **180.3300, 3.2883, 65.4856**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2560, 8.2548, -34.4275**, and **158.4140, -1.6831, -67.0151** is the 20% darker color. If you saturate the color by 10%, you get **207.0550, -3.9711, -79.8552**, and if you desaturate by 10%, it is **224.5840, -2.7529, -50.5012**.

Distribution



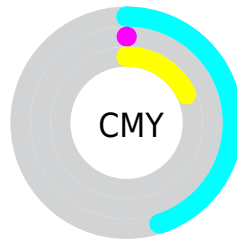
- Red (55%)
- Green (100%)
- Blue (82%)



- Red (55%)
- Yellow (83%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.6700, -3.2883, -65.4856 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 215.6700, -3.2883, -65.4856 by changing the saturation by 10% instead.

 215.6700, -3.2883,
-65.4856


 215.6700, -3.2883,
-65.4856


255.0000, 0.0000,
0.0000

 186.7840, -2.8515,
-65.5856


 238.2560, 8.2548,
-34.4275


 158.4140, -1.6831,
-67.0151

 247.2260, 3.8326,
-15.9842

 129.4460, -0.2199,
-69.6741

 95.6830, 3.6073,
-83.9140

 77.6850, 0.6483,
-68.1297

 59.8010, -1.8739,
-52.4455

 43.3190, -4.1013,

-37.9908

■ 27.3100, -7.0548,
-23.9509

■ 9.3920, -4.6303,
-8.2368

■ 215.6700, -3.2883,
-65.4856

■ 215.6700, -3.2883,
-65.4856

■ 207.0550, -3.9711,
-79.8552

■ 224.5840, -2.7529,
-50.5012

■ 198.0270, -4.9433,
-94.7397

■ 233.3130, -1.6333,
-36.2315

■ 189.4120, -5.6261,
-109.1093

■ 242.2270, -1.0979,
-21.2471

■ 180.4980, -6.1615,
-124.0937

■ 250.8420, -0.4151,
-6.8774

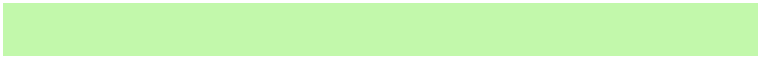
■ 171.8830, -6.8443, 255.0000, 0.0000,
-138.4634 0.0000

■ 167.0130, -7.4014,
-146.4704

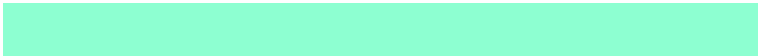
Harmonies

Analogous

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



223.0760, -25.6735, -25.4997



215.6700, -3.2883, -65.4856



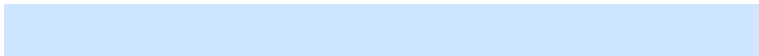
205.1380, 23.5960, -101.8530

Triad

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



215.6700, -3.2883, -65.4856



225.6740, 14.4577, -17.2541



218.8780, -21.6319, 31.6790

Complementary

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



215.6700, -3.2883, -65.4856



180.3300, 3.2883, 65.4856

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.



218.6280, -2.2816, 31.8982



215.6700, -3.2883, -65.4856



231.5200, 11.5756, 20.5920

Square

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



215.6700, -3.2883, -65.4856



213.2610, 20.5773, -66.8809



224.4760, 15.0483, 26.7695



224.3600, -36.1665, 26.8713

Rectangle

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



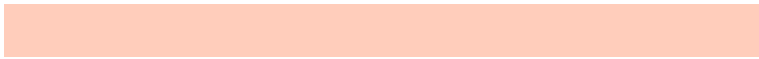
215.6700, -3.2883, -65.4856



200.2830, 26.9755, -112.5042



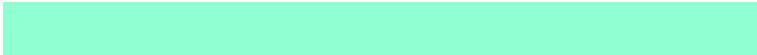
224.4760, 15.0483, 26.7695



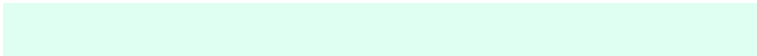
217.8980, -15.2327, 32.5385

Sweetspot

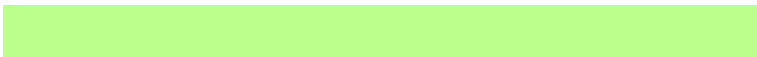
The Sweet Spot groups the original color and five complimentary colors.



215.6700, -3.2883, -65.4856



243.6510, -0.8139, -18.9879



221.9710, -39.9187, -29.7926



120.6950, -0.8356, -12.0105



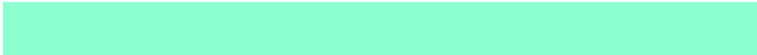
0.0000, 0.0000, 0.0000



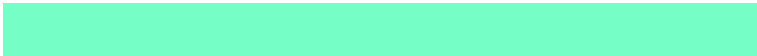
128.0000, 0.0000, 0.0000

Same Dimension

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



215.6700, -3.2883, -65.4856



207.3540, -4.1185, -79.2405



215.6310, 19.4089, -65.4514



123.4290, -0.7045, -7.3922



125.1130, -5.4787, -109.7241



41.9000, -1.9227, -36.7463

Inverse Universe

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



180.3300, 3.2883, 65.4856



164.6460, 4.1185, 79.2405



180.9560, -19.6983, 64.9366



119.4570, 0.2677, 7.4922



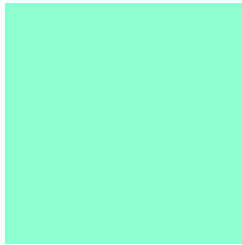
65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 215.6700, -3.2883, -65.4856 looks on a white background.

Color Contrast Check

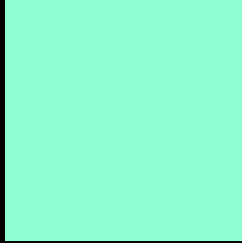
Large Text (above 18pt) WCAG AA × Fail

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 215.6700, -3.2883, -65.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

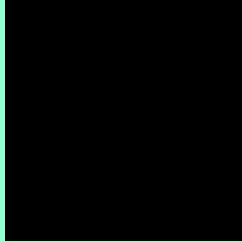
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

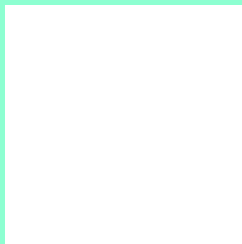
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.6700, -3.2883, -65.4856

Background



This preview shows how black text looks on a background with the YUV color 215.6700, -3.2883, -65.4856.



This preview shows how white text looks on a background with the YUV color 215.6700, -3.2883, -65.4856.

-65.4856.

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

215.6700, -3.2883, -65.4856

Protanopia

231.0110, -16.7674, 11.3914

Deuteranopia

233.8730, -7.3324, 18.5284



Tritanopia

227.3360, 13.6384, -34.4977

Trichromacy



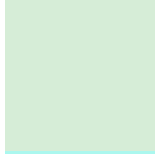
Original Color

215.6700, -3.2883, -65.4856



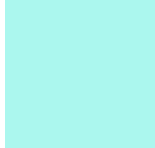
Protanomaly

225.6870, -12.1707, -16.3885



Deuteranomaly

227.6150, -6.2192, -11.9404



Tritanomaly

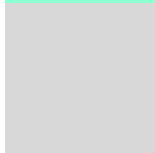
223.2500, 7.2717, -45.8233

Monochromacy



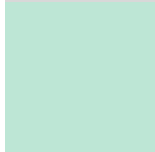
Original Color

215.6700, -3.2883, -65.4856



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.8030, -1.3819, -23.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6700, -3.2883, -65.4856 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(141, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 209)  
}
```

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(141, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 209) }
```

Border

The CSS property to change the border of an element to YUV 215.6700, -3.2883, -65.4856 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(141, 255, 209) }
```


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

```
.border{ border-color:rgb(141, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 255, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 255, 209); box-shadow:4px 4px 4px 4px rgb(141, 255, 209) }
```

Background

The CSS property to change the background color of an element to YUV 215.6700, -3.2883, -65.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 209) }
```

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

```
.background{ background-color: rgb(141,  
255, 209) }
```

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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