

Converting Colors

YUV(216.1970, -2.5621,
-65.0708)

Have a look what the booklet for
YUV(216.1970, -2.5621, -65.0708)
contains.

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Color

**YUV(216.1970, -2.5621,
-65.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	8EFFD3
RGB	142, 255, 211
RGB Percent	56%, 100%, 83%
CMY	0.4431, 0.0000, 0.1725
CMYK	0.44, 0.00, 0.17, 0.00
HSL	157°, 100%, 78%
HSV	157°, 44%, 100%
XYZ	58.6732, 81.9739, 74.3582
YIQ	216.1970, -53.2240, -37.6400

Conversions

Conversions Part 2

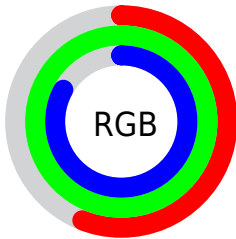
Format	Color
RYB	142, 212, 255
Decimal	9371603
CIELab	92.56, -42.21, 11.05
CIELCh	93, 43.636, 165.326
Yxy	81.9739, 0.2729, 0.3813
Android (android.graphics.Color)	4287561683 (0xFF8EFFD3)
YUV	216.1970, -2.5621, -65.0708
Hunter-Lab	90.5395, -42.7689, 14.6840

Details

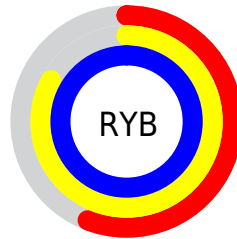
The YUV color **216.1970, -2.5621, -65.0708** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **180.8030, 2.5621, 65.0708**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **158.8270, -1.3937, -66.5003** is the 20% darker color. If you saturate the color by 10%, you get **207.5820, -3.2449, -79.4404**, and if you desaturate by 10%, it is **225.1110, -2.0267, -50.0863**.

Distribution



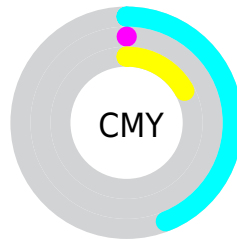
- Red (56%)
- Green (100%)
- Blue (83%)



- Red (56%)
- Yellow (83%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.1970, -2.5621, -65.0708 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 216.1970, -2.5621, -65.0708 by changing the saturation by 10% instead.

 216.1970, -2.5621,
-65.0708

 216.1970, -2.5621,
-65.0708

255.0000, 0.0000,
0.0000


 187.3110, -2.1253,
-65.1707


 238.5550, 8.1074,
-33.8127


 158.8270, -1.3937,
-66.5003

 247.5250, 3.6852,
-15.3694

 129.8590, 0.0695,
-69.1593

 95.9110, 4.4809,
-84.1139

 77.9130, 1.5219,
-68.3297

 60.0290, -1.0003,
-52.6454

 43.4330, -3.6645,

-38.0907

■ 27.5380, -6.1812,
-24.1508

■ 9.3920, -4.6303,
-8.2368

■ 216.1970, -2.5621,
-65.0708

■ 216.1970, -2.5621,
-65.0708

■ 207.5820, -3.2449,
-79.4404

■ 225.1110, -2.0267,
-50.0863

■ 198.6680, -3.7803,
-94.4248

■ 233.7260, -1.3439,
-35.7167

■ 190.0530, -4.4631,
-108.7945

■ 242.6400, -0.8085,
-20.7323

■ 181.1390, -4.9985,
-123.7789

■ 251.2550, -0.1257,
-6.3626

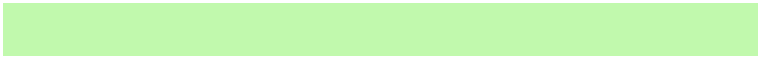
■ 172.5240, -5.6813, 255.0000, 0.0000,
-138.1485 0.0000

■ 167.4690, -5.6542,
-146.8703

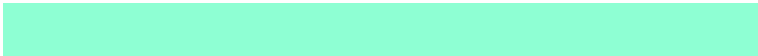
Harmonies

Analogous

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



223.5920, -24.9419, -26.8292



216.1970, -2.5621, -65.0708



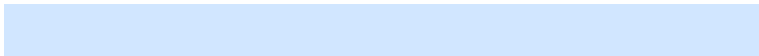
206.4480, 23.4431, -99.4939

Triad

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



216.1970, -2.5621, -65.0708



226.5710, 14.0155, -15.4098



219.5790, -21.4844, 31.0642

Complementary

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



216.1970, -2.5621, -65.0708



180.8030, 2.5621, 65.0708

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.



219.1010, -3.0078, 31.4834



216.1970, -2.5621, -65.0708



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.



216.1970, -2.5621, -65.0708



214.7560, 19.8403, -63.8070



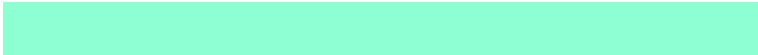
225.0630, 14.7589, 26.2547



225.1750, -35.5823, 26.1565

Rectangle

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



216.1970, -2.5621, -65.0708



202.6750, 25.7962, -107.5860



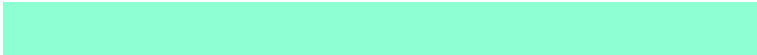
225.0630, 14.7589, 26.2547



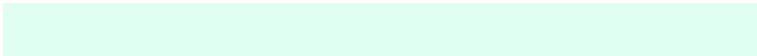
219.0720, -15.8115, 31.5089

Sweetspot

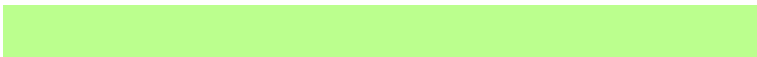
The Sweet Spot groups the original color and five complimentary colors.



216.1970, -2.5621, -65.0708



243.6510, -0.8139, -18.9879



221.7860, -39.3345, -30.5073



120.8090, -0.3988, -12.1105



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

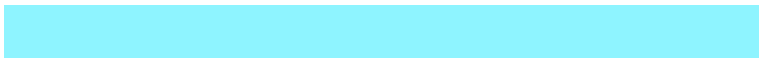
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.1970, -2.5621, -65.0708



208.5930, -3.2503, -77.6961



214.7560, 19.8403, -63.8070



123.5430, -0.2677, -7.4922



125.4550, -4.1683, -110.0240



42.0140, -1.4859, -36.8463

Inverse Universe

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



180.8030, 2.5621, 65.0708



166.2930, 2.8136, 77.7960



182.2440, -19.8403, 63.8070



119.4570, 0.2677, 7.4922



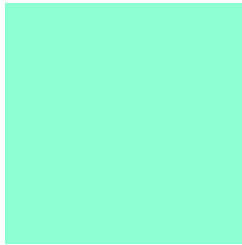
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 216.1970, -2.5621, -65.0708 looks on a white background.

Color Contrast Check

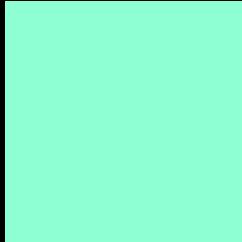
Large Text (above 18pt) WCAG AA × Fail

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 216.1970, -2.5621, -65.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

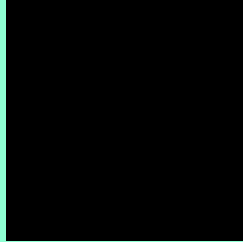
Any Text WCAG AA ✓ Pass

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 216.1970, -2.5621, -65.0708 Background



This preview shows how black text looks on a background with the YUV color 216.1970, -2.5621, -65.0708.



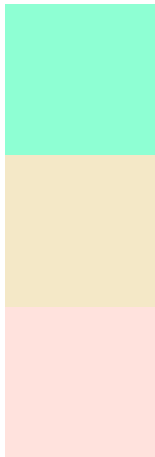
This preview shows how white text looks on a background with the YUV color 216.1970, -2.5621, -65.0708.

-65.0708.

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

216.1970, -2.5621, -65.0708

Protanopia

231.8260, -16.1832, 10.6766

Deuteranopia

234.1010, -6.4588, 18.3284



Tritanopia

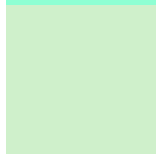
227.6350, 13.4909, -33.8829

Trichromacy



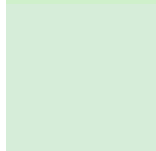
Original Color

216.1970, -2.5621, -65.0708



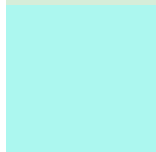
Protanomaly

225.9150, -11.2971, -16.5885



Deuteranomaly

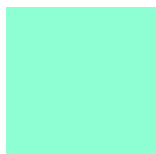
227.8430, -5.3456, -12.1403



Tritanomaly

223.6630, 7.5611, -45.3085

Monochromacy



Original Color

216.1970, -2.5621, -65.0708



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.9170, -0.9451, -23.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1970, -2.5621, -65.0708 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(142, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(142, 255, 211)  
}
```

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(142, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 211) }
```

Border

The CSS property to change the border of an element to YUV 216.1970, -2.5621, -65.0708 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(142, 255, 211) }
```


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

```
.border{ border-color:rgb(142, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 255, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 255, 211); box-shadow:4px 4px 4px 4px rgb(142, 255, 211) }
```

Background

The CSS property to change the background color of an element to YUV 216.1970, -2.5621, -65.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 255, 211) }
```

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

```
.background{ background-color: rgb(142,  
255, 211) }
```

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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