

Converting Colors

YUV(209.0070, 15.7725,
-65.7811)

Have a look what the booklet for
YUV(209.0070, 15.7725, -65.7811)
contains.

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Color

**YUV(209.0070, 15.7725,
-65.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	86F1F1
RGB	134, 241, 241
RGB Percent	53%, 95%, 95%
CMY	0.4745, 0.0549, 0.0549
CMYK	0.44, 0.00, 0.00, 0.05
HSL	180°, 79%, 74%
HSV	180°, 44%, 95%
XYZ	57.1640, 74.3298, 94.5533
YIQ	209.0070, -63.7720, -22.6840

Conversions

Conversions Part 2

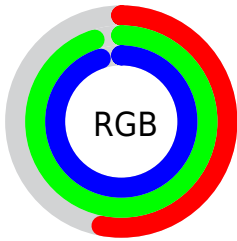
Format	Color
RYB	134, 188, 241
Decimal	8843761
CIELab	89.08, -30.87, -9.64
CIELCh	89, 32.343, 197.343
Yxy	74.3298, 0.2529, 0.3288
Android (android.graphics.Color)	4287033841 (0xFF86F1F1)
YUV	209.0070, 15.7725, -65.7811
Hunter-Lab	86.2147, -32.5228, -4.6741

Details

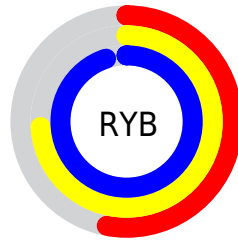
The YUV color **209.0070, 15.7725, -65.7811** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **165.9930, -15.7725, 65.7811**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **151.8110, 16.3622, -68.2402** is the 20% darker color. If you saturate the color by 10%, you get **201.8310, 19.3103, -80.5358**, and if you desaturate by 10%, it is **216.1830, 12.2348, -51.0265**.

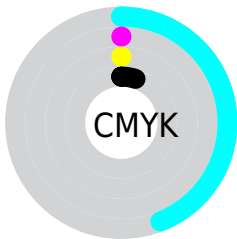
Distribution



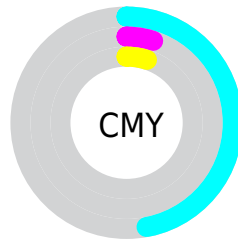
- Red (53%)
- Green (95%)
- Blue (95%)



- Red (53%)
- Yellow (74%)
- Blue (95%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (47%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.0070, 15.7725, -65.7811 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 209.0070, 15.7725, -65.7811 by changing the saturation by 10% instead.

209.0070, 15.7725,
-65.7811

209.0070, 15.7725,
-65.7811

255.0000, 0.0000,
0.0000

179.8220, 16.3568,
-66.4959

236.4620, 9.1392,
-38.1162

151.8110, 16.3622,
-68.2402

245.4320, 4.7170,
-19.6729

121.2340, 18.1256,
-73.8732

254.4020, 0.2948,
-1.2296

91.9450, 19.7471,
-80.6358

73.8330, 16.3513,
-64.7515

57.0090, 12.8136,
-49.9969

40.2990, 9.7126,

-35.3422

■ 25.4640, 6.1802,
-22.3319

■ 2.6390, 7.5730,
-2.3144

■ 209.0070, 15.7725,
-65.7811

■ 209.0070, 15.7725,
-65.7811

■ 201.8310, 19.3103,
-80.5358

■ 216.1830, 12.2348,
-51.0265

■ 194.6550, 22.8481,
-95.2904

■ 223.3590, 8.6970,
-36.2718

■ 187.4790, 26.3859,
-110.0451

■ 230.5350, 5.1592,
-21.5172

■ 180.3030, 29.9236,
-124.7997

■ 237.7110, 1.6215,
-6.7625

■ 173.1270, 33.4614,
-139.5544

■ 244.8870, -1.9163,
7.9921

■ 168.9410, 35.5251,
-148.1613

■ 245.1860, -2.0637,
8.6069

Harmonies

Analogous

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



211.9480, -1.4534, -47.3124



209.0070, 15.7725, -65.7811



209.4400, 22.4611, -64.4069

Triad

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



209.0070, 15.7725, -65.7811



227.0900, 13.7596, 20.0921



222.3200, -28.7518, 28.6604

Complementary

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



209.0070, 15.7725, -65.7811



165.9930, -15.7725, 65.7811

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.



218.8610, -19.1585, 31.6939



209.0070, 15.7725, -65.7811



222.5380, 7.6228, 28.4692

Square

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



209.0070, 15.7725, -65.7811



221.2990, 16.6146, -9.0322



218.4170, -5.6286, 32.0833



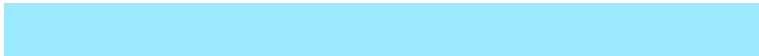
220.1170, -27.6657, 6.9134

Rectangle

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



209.0070, 15.7725, -65.7811



211.8870, 21.2547, -50.7669



218.4170, -5.6286, 32.0833



221.0150, -26.1364, 29.8048

Sweetspot

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



209.0070, 15.7725, -65.7811



245.1330, 4.8644, -20.2876



196.8090, -30.9648, -55.0835



121.7210, 3.0955, -12.9103



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.



209.0070, 15.7725, -65.7811



214.6350, 19.8999, -82.9949



177.3090, 31.3997, -37.9820



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

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



178.1910, 30.9648, 55.0835



175.7550, 39.0678, 69.4979



197.1040, -31.1103, 38.4968



112.9560, 3.4727, 6.1776



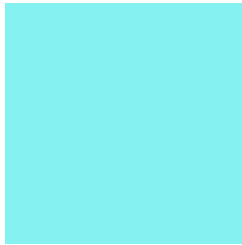
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 209.0070, 15.7725, -65.7811 looks on a white background.

Color Contrast Check

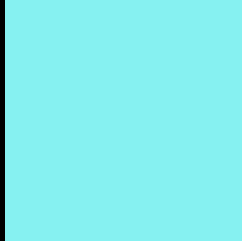
Large Text (above 18pt) WCAG AA × Fail

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 209.0070, 15.7725, -65.7811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

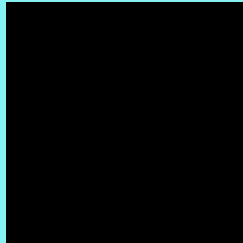
Any Text WCAG AA ✓ Pass

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 209.0070, 15.7725, -65.7811 Background



This preview shows how black text looks on a background with the YUV color 209.0070, 15.7725, -65.7811.



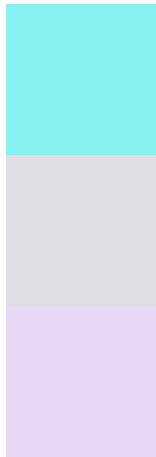
This preview shows how white text looks on a background with the YUV color 209.0070, 15.7725, -65.7811.

-65.7811.

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

209.0070, 15.7725, -65.7811

Protanopia

222.8090, 3.0522, 1.0445

Deuteranopia

224.5030, 10.5980, 7.4519



Tritanopia

212.4410, 20.9816, -56.5148

Trichromacy



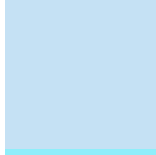
Original Color

209.0070, 15.7725, -65.7811



Protanomaly

217.5070, 7.6380, -23.2466



Deuteranomaly

218.7940, 12.4266, -19.1133



Tritanomaly

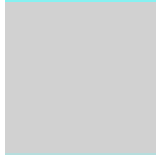
210.9630, 19.2452, -59.6036

Monochromacy



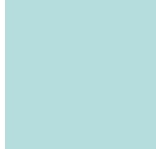
Original Color

209.0070, 15.7725, -65.7811



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.3390, 5.7489, -23.9763

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.0070, 15.7725, -65.7811 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, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(134, 241, 241)  
}
```

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, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 241, 241) }
```

Border

The CSS property to change the border of an element to YUV 209.0070, 15.7725, -65.7811 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, 241, 241) }
```


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

```
.border{ border-color:rgb(134, 241, 241) }
```

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

Here you see how a box with a 4 pixel rgb(134, 241, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(134, 241,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 209.0070, 15.7725, -65.7811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 241, 241) }
```

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

```
.background{ background-color: rgb(134,  
241, 241) }
```

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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