

Converting Colors

YUV(215.6770, 9.5262,
-68.9997)

Have a look what the booklet for
YUV(215.6770, 9.5262, -68.9997)
contains.

| | |
|--|----|
| YUV(215.6770, 9.5262, -68.9997) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(215.6770, 9.5262,
-68.9997)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 89FCEB |
| RGB | 137, 252, 235 |
| RGB Percent | 54%, 99%, 92% |
| CMY | 0.4627, 0.0118, 0.0784 |
| CMYK | 0.46, 0.00, 0.07, 0.01 |
| HSL | 171°, 95%, 76% |
| HSV | 171°, 46%, 99% |
| XYZ | 60.1223, 80.9373, 91.0510 |
| YIQ | 215.6770, -63.0830, -29.6670 |

Conversions

Conversions Part 2

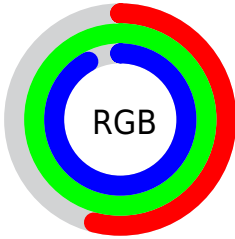
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 137, 199, 252 |
| Decimal | 9043179 |
| CIELab | 92.10, -36.76, -2.04 |
| CIElCh | 92, 36.812, 183.175 |
| Yxy | 80.9373, 0.2590, 0.3487 |
| Android (android.graphics.Color) | 4287233259 (0xFF89FCEB) |
| YUV | 215.6770, 9.5262, -68.9997 |
| Hunter-Lab | 89.9652, -38.1503, 2.9701 |

Details

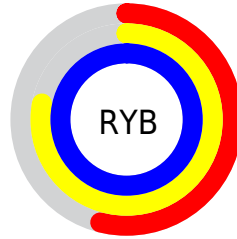
The YUV color **215.6770, 9.5262, -68.9997** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **173.3230, -9.5262, 68.9997**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3590, 8.6970, -36.2718**, and **157.8940, 10.4053, -70.9440** is the 20% darker color. If you saturate the color by 10%, you get **207.7460, 11.4642, -83.9692**, and if you desaturate by 10%, it is **223.6080, 7.5883, -54.0302**.

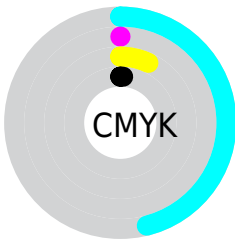
Distribution



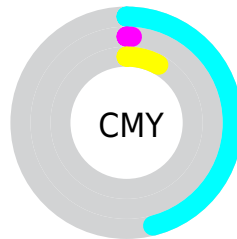
- Red (54%)
- Green (99%)
- Blue (92%)



- Red (54%)
- Yellow (78%)
- Blue (99%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)




- Cyan (46%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 215.6770, 9.5262, -68.9997 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 215.6770, 9.5262, -68.9997 by changing the saturation by 10% instead.


 215.6770, 9.5262,
-68.9997

 215.6770, 9.5262,
-68.9997


255.0000, 0.0000,
0.0000


 186.4920, 10.1104,
-69.7145


 237.3590, 8.6970,
-36.2718


 157.8940, 10.4053,
-70.9440

 246.3290, 4.2748,
-17.8285

 127.7300, 12.4581,
-76.0622

 97.2450, 14.6692,
-85.2839

 79.1330, 11.2734,
-69.3996

 61.1350, 8.3144,
-53.6154

 44.4250, 5.2135,

-38.9607

■ 29.1170, 2.4073,
-25.5356

■ 9.5860, 1.1901,
-8.4069

■ 215.6770, 9.5262,
-68.9997

■ 215.6770, 9.5262,
-68.9997

■ 207.7460, 11.4642,
-83.9692

■ 223.6080, 7.5883,
-54.0302

■ 199.9290, 13.8390,
-99.0387

■ 231.4250, 5.2135,
-38.9607

■ 191.6990, 15.9244,
-114.6230

■ 239.6550, 3.1281,
-23.3764

■ 183.7680, 17.8624,
-129.5925

■ 247.5860, 1.1901,
-8.4069

■ 175.8370, 19.8004,
-144.5620

■ 253.1250, 0.4314,
1.6444

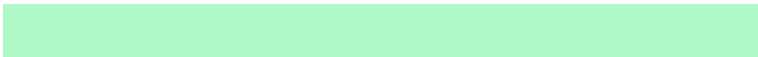
■ 172.4340, 20.9850,
-151.2246

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



220.8750, -10.7844, -41.1094



215.6770, 9.5262, -68.9997



212.2870, 21.0575, -80.9357

Triad

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



215.6770, 9.5262, -68.9997



231.7420, 11.4662, 8.9963



224.1780, -26.7098, 27.0309

Complementary

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



215.6770, 9.5262, -68.9997



173.3230, -9.5262, 68.9997

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.



221.1580, -12.8959, 29.6794



215.6770, 9.5262, -68.9997



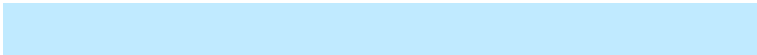
229.1720, 12.7332, 22.6512

Square

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



215.6770, 9.5262, -68.9997



223.8360, 15.3639, -27.9202



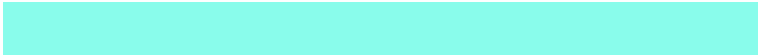
223.3870, 3.2602, 27.7246



230.0110, -33.5294, 21.0384

Rectangle

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



215.6770, 9.5262, -68.9997



213.2280, 20.5936, -72.1140



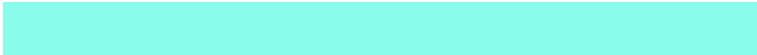
223.3870, 3.2602, 27.7246



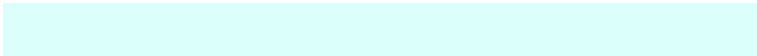
223.2150, -22.7840, 27.8754

Sweetspot

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



215.6770, 9.5262, -68.9997



243.6660, 3.1227, -21.6321



209.5880, -35.7859, -48.7507



120.9660, 1.4958, -13.1252



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

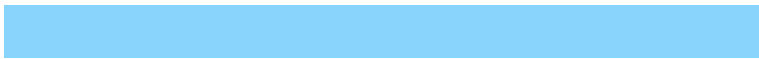
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.6770, 9.5262, -68.9997



210.7460, 11.4642, -83.9692



194.1350, 28.5274, -50.1074



120.8850, 1.0427, -7.7921



129.2970, 15.6296, -113.3935



41.7350, 5.0606, -36.6016

Inverse Universe

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



173.3230, -9.5262, 68.9997



159.1400, -11.9010, 84.0692



194.8650, -28.5274, 50.1074



116.1150, -1.0427, 7.7921



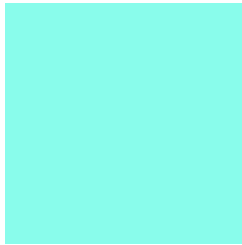
59.7030, -15.6296, 113.3935



19.2650, -5.0606, 36.6016

Previews

White Background



This preview shows how the YUV color 215.6770, 9.5262, -68.9997 looks on a white background.

Color Contrast Check

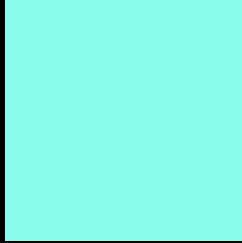
Large Text (above 18pt) WCAG AA × Fail

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 215.6770, 9.5262, -68.9997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

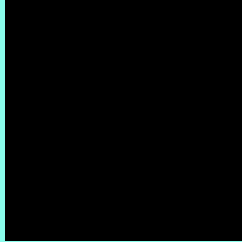
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.6770, 9.5262, -68.9997

Background



This preview shows how black text looks on a background with the YUV color 215.6770, 9.5262, -68.9997.



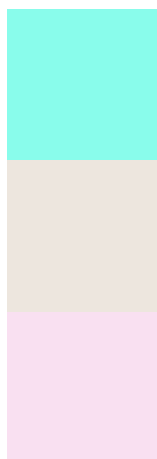
This preview shows how white text looks on a background with the YUV color 215.6770, 9.5262, -68.9997.

-68.9997.

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

215.6770, 9.5262, -68.9997

Protanopia

231.1810, -4.5262, 5.1033

Deuteranopia

233.4130, 3.7404, 13.6698



Tritanopia

225.5420, 14.5228, -38.1863

Trichromacy



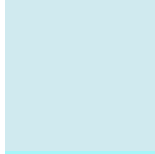
Original Color

215.6770, 9.5262, -68.9997



Protanomaly

225.6830, 0.6493, -21.6470



Deuteranomaly

226.7960, 6.0166, -16.4841



Tritanomaly

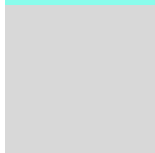
222.3080, 12.6662, -49.3821

Monochromacy



Original Color

215.6770, 9.5262, -68.9997



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.7580, 3.5703, -25.2208

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6770, 9.5262, -68.9997 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(137, 252, 235)` looks like.

```
.text, #text, p{  
    color:rgb(137, 252, 235)  
}
```

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(137, 252, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 252, 235) }
```

Border

The CSS property to change the border of an element to YUV 215.6770, 9.5262, -68.9997 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(137, 252, 235) }
```


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

```
.border{ border-color:rgb(137, 252, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 252, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 252, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 252, 235); box-shadow:4px 4px 4px 4px rgb(137, 252, 235) }
```

Background

The CSS property to change the background color of an element to YUV 215.6770, 9.5262, -68.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 252, 235) }
```

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

```
.background{ background-color: rgb(137,  
252, 235) }
```

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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