

Converting Colors

YUV(195.6370, 6.5880,
-106.6756)

Have a look what the booklet for
YUV(195.6370, 6.5880, -106.6756)
contains.

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Color

**YUV(195.6370, 6.5880,
-106.6756)**

Conversions

Conversions Part 1

Format	Color
Hex	4AFFD1
RGB	74, 255, 209
RGB Percent	29%, 100%, 82%
CMY	0.7098, 0.0000, 0.1804
CMYK	0.71, 0.00, 0.18, 0.00
HSL	165°, 100%, 65%
HSV	165°, 71%, 100%
XYZ	50.0927, 77.5793, 72.6557
YIQ	195.6370, -93.1100, -52.6780

Conversions

Conversions Part 2

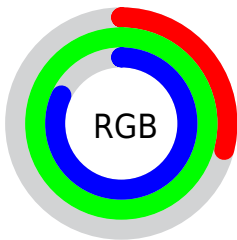
Format	Color
RYB	74, 178, 255
Decimal	4915153
CIELab	90.59, -55.55, 9.00
CIELCh	91, 56.277, 170.796
Yxy	77.5793, 0.2501, 0.3873
Android (android.graphics.Color)	4283105233 (0xFF4AFFD1)
YUV	195.6370, 6.5880, -106.6756
Hunter-Lab	88.0791, -52.6213, 12.7475

Details

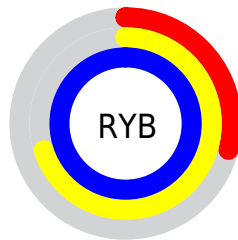
The YUV color **195.6370, 6.5880, -106.6756** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **133.3630, -6.5880, 106.6756**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8110, 16.3622, -68.2402**, and **133.3090, 10.6937, -116.9120** is the 20% darker color. If you saturate the color by 10%, you get **187.4780, 7.6523, -121.4452**, and if you desaturate by 10%, it is **204.0950, 5.3762, -91.2913**.

Distribution



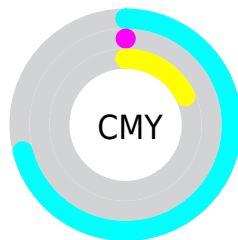
- Red (29%)
- Green (100%)
- Blue (82%)



- Red (29%)
- Yellow (70%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6370, 6.5880, -106.6756 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 195.6370, 6.5880, -106.6756 by changing the saturation by 10% instead.

195.6370, 6.5880,
-106.6756

195.6370, 6.5880,
-106.6756

255.0000, 0.0000,
0.0000

157.4820, 11.5944,
-125.8337

221.8110, 16.3622,
-68.2402

133.3090, 10.6937,
-116.9120

231.6780, 11.4977,
-47.9526

113.9090, 7.4399,
-99.8982

240.9470, 6.9281,
-28.8945

95.2100, 4.3335,
-83.4992

250.5150, 2.2111,
-9.2217

76.5110, 1.2271,
-67.1001

58.7410, -0.8583,
-51.5159

41.5580, -3.2331,

-36.4464

■ 26.2500, -6.0393,
-23.0212

■ 2.3480, -1.1576,
-2.0592

■ 195.6370, 6.5880,
-106.6756

■ 195.6370, 6.5880,
-106.6756

■ 187.4780, 7.6523,
-121.4452

■ 204.0950, 5.3762,
-91.2913

■ 178.9060, 8.4273,
-136.7296

■ 212.3680, 4.7486,
-76.6217

■ 171.3450, 9.1969,
-150.2696

■ 220.8260, 3.5368,
-61.2374

■ 229.0990, 2.9092,
-46.5678

■ 237.5570, 1.6974,
-31.1835

■ 245.8300, 1.0698,
-16.5139

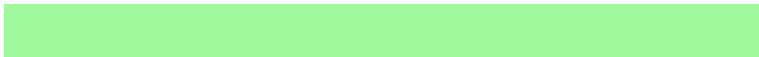
■ 254.2880, -0.1420,
-1.1296

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



212.3140, -26.7768, -45.0024



195.6370, 6.5880, -106.6756



178.7550, 37.5888, -156.7681

Triad

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



195.6370, 6.5880, -106.6756



220.1030, 17.2042, -11.4913



210.2890, -31.6945, 39.2115

Complementary

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



195.6370, 6.5880, -106.6756



133.3630, -6.5880, 106.6756

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.



207.4290, -7.1135, 41.7198



195.6370, 6.5880, -106.6756



222.7150, 15.9165, 28.3139

Square

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



195.6370, 6.5880, -106.6756



199.5620, 27.3309, -86.4389



213.5850, 16.4736, 36.3210



218.4780, -48.5497, 32.0298

Rectangle

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



195.6370, 6.5880, -106.6756



177.5810, 38.1676, -155.7385



213.5850, 16.4736, 36.3210



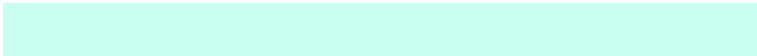
208.3630, -23.8430, 40.9006

Sweetspot

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



195.6370, 6.5880, -106.6756



237.2580, 1.8448, -31.7983



194.5990, -59.4553, -63.6693



117.4060, 0.7858, -18.7731



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.



195.6370, 6.5880, -106.6756



183.8470, 7.9634, -127.9078



176.2270, 38.8351, -89.6531



123.6570, 0.1691, -7.5922



128.4190, 7.1884, -112.6235



43.0400, 2.4453, -37.7461

Inverse Universe

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



133.3630, -6.5880, 106.6756



109.1530, -7.9634, 127.9078



152.7730, -38.8351, 89.6531



119.2290, -0.6059, 7.6922



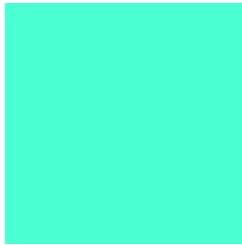
62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 195.6370, 6.5880, -106.6756 looks on a white background.

Color Contrast Check

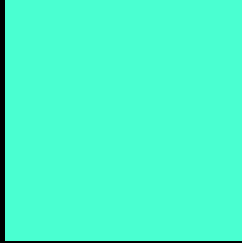
Large Text (above 18pt) WCAG AA × Fail

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 195.6370, 6.5880, -106.6756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

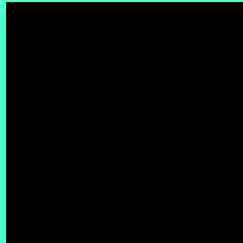
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

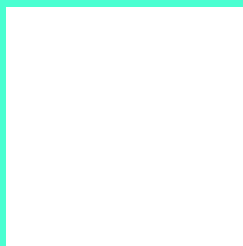
Any Text WCAG AAA ✓ Pass

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

YUV 195.6370, 6.5880, -106.6756 Background



This preview shows how black text looks on a background with the YUV color 195.6370, 6.5880, -106.6756.



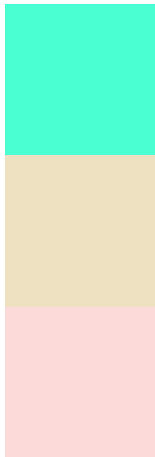
This preview shows how white text looks on a background with the YUV color 195.6370, 6.5880,

-106.6756.

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

195.6370, 6.5880, -106.6756

Protanopia

225.0540, -15.3096, 10.4766

Deuteranopia

227.7530, -5.3012, 20.3876



Tritanopia

216.8820, 18.7922, -54.2705

Trichromacy



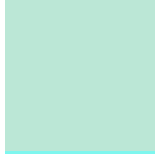
Original Color

195.6370, 6.5880, -106.6756



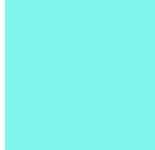
Protanomaly

214.4400, -7.6119, -31.9579



Deuteranomaly

215.9060, -0.9397, -25.3506



Tritanomaly

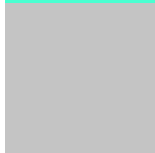
209.2080, 14.1945, -72.9734

Monochromacy



Original Color

195.6370, 6.5880, -106.6756



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.7410, 2.5927, -38.3609

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6370, 6.5880, -106.6756 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(74, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(74, 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(74, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 255, 209) }
```

Border

The CSS property to change the border of an element to YUV 195.6370, 6.5880, -106.6756 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(74, 255, 209) }
```


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

```
.border{ border-color:rgb(74, 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(74, 255, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(74, 255,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 195.6370, 6.5880, -106.6756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 255, 209) }
```

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

```
.background{ background-color: rgb(74, 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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