

# Converting Colors

YUV(195.3790, 14.6032,  
-110.8344)

Have a look what the booklet for  
YUV(195.3790, 14.6032, -110.8344)  
contains.

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# Color

**YUV(195.3790, 14.6032,  
-110.8344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45FEE1
RGB	69, 254, 225
RGB Percent	27%, 100%, 88%
CMY	0.7294, 0.0039, 0.1176
CMYK	0.73, 0.00, 0.11, 0.00
HSL	171°, 99%, 63%
HSV	171°, 73%, 100%
XYZ	51.4867, 77.5851, 83.4960
YIQ	195.3790, -100.9510, -48.2390

# Conversions

## Conversions Part 2

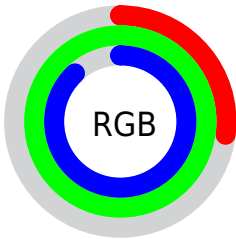
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	69, 169, 254
Decimal	4587233
CIELab	90.59, -51.85, 0.71
CIELCh	91, 51.857, 179.211
Yxy	77.5851, 0.2422, 0.3650
Android (android.graphics.Color)	4282777313 (0xFF45FEE1)
YUV	195.3790, 14.6032, -110.8344
Hunter-Lab	88.0824, -49.8059, 5.4549

# Details

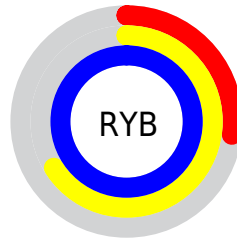
The YUV color **195.3790, 14.6032, -110.8344** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **127.6210, -14.6032, 110.8344**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **134.4320, 17.5350, -117.8969** is the 20% darker color. If you saturate the color by 10%, you get **187.4480, 16.5411, -125.8039**, and if you desaturate by 10%, it is **203.3100, 12.6652, -95.8649**.

# Distribution



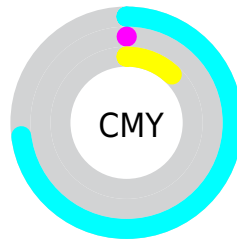
- Red (27%)
- Green (100%)
- Blue (88%)



- Red (27%)
- Yellow (66%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (73%)
- Magenta (0%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.3790, 14.6032, -110.8344 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 195.3790, 14.6032, -110.8344 by changing the saturation by 10% instead.



195.3790, 14.6032,  
-110.8344

195.3790, 14.6032,  
-110.8344

255.0000, 0.0000,  
0.0000

154.5330, 20.9362,  
-135.5254

221.2130, 16.6570,  
-69.4698

134.4320, 17.5350,  
-117.8969

230.7810, 11.9400,  
-49.7969

114.9180, 13.8444,  
-100.7831

240.3490, 7.2229,  
-30.1241

96.2190, 10.7380,  
-84.3841

249.9170, 2.5059,  
-10.4512

78.1070, 7.3422,  
-68.4998

60.2230, 4.8201,  
-52.8156

43.0400, 2.4453,

-37.7461

■ 27.7320, -0.3609,  
-24.3210

■ 2.3480, -1.1576,  
-2.0592

■ 195.3790, 14.6032,  
-110.8344

■ 195.3790, 14.6032,  
-110.8344

■ 187.4480, 16.5411,  
-125.8039

■ 203.3100, 12.6652,  
-95.8649

■ 179.2180, 18.6265,  
-141.3882

■ 211.5400, 10.5798,  
-80.2806

■ 173.4940, 19.9695,  
-152.1542

■ 219.4710, 8.6418,  
-65.3111

■ 227.7010, 6.5564,  
-49.7268

■ 235.6320, 4.6184,  
-34.7573

■ 243.5630, 2.6804,  
-19.7878

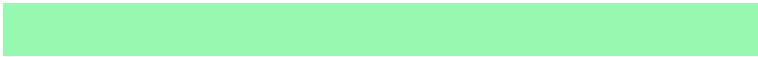
■ 251.7930, 0.5951,  
-4.2035

■ 254.4130, 0.2894,  
0.5148

# Harmonies

## Analogous

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



210.9630, -17.7298, -53.4646



195.3790, 14.6032, -110.8344



177.5810, 38.1676, -155.7385

# Triad

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



195.3790, 14.6032, -110.8344



224.9310, 14.8240, 5.3225



214.1700, -34.5938, 35.8079

# Complementary

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



195.3790, 14.6032, -110.8344



127.6210, -14.6032, 110.8344

# 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.



210.2840, -13.9440, 39.2159



195.3790, 14.6032, -110.8344



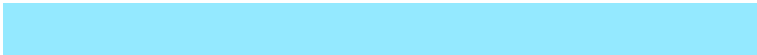
221.5410, 16.4953, 29.3435

# Square

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



195.3790, 14.6032, -110.8344



210.0930, 22.1392, -54.4556



213.5220, 8.6167, 36.3762



222.7980, -47.2284, 28.2412



# Rectangle

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



195.3790, 14.6032, -110.8344



175.2330, 39.3251, -153.6793



213.5220, 8.6167, 36.3762



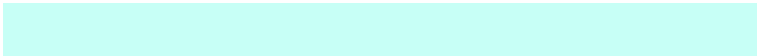
212.4890, -28.3421, 37.2821

# Sweetspot

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



195.3790, 14.6032, -110.8344



237.2300, 4.3236, -33.5277



186.8640, -58.1070, -76.1797



117.1500, 2.3911, -20.3025



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.



195.3790, 14.6032, -110.8344



184.6320, 17.4364, -132.9813



162.2910, 45.2125, -81.8162



123.8850, 1.0427, -7.7921



130.4710, 15.0508, -114.4231



43.7240, 5.0661, -38.3459



# Inverse Universe

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



127.6210, -14.6032, 110.8344



103.3680, -17.4364, 132.9813



160.7090, -45.2125, 81.8162



119.1150, -1.0427, 7.7921



60.5290, -15.0508, 114.4231

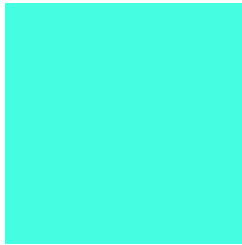


20.2760, -5.0661, 38.3459



# Previews

## White Background



This preview shows how the YUV color 195.3790, 14.6032, -110.8344 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

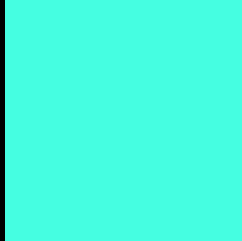
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.3790, 14.6032, -110.8344 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

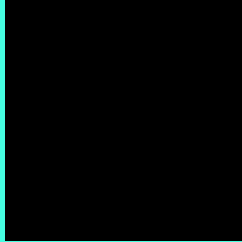
Any Text WCAG AA ✓ Pass

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 195.3790, 14.6032, -110.8344 Background



This preview shows how black text looks on a background with the YUV color 195.3790, 14.6032, -110.8344.



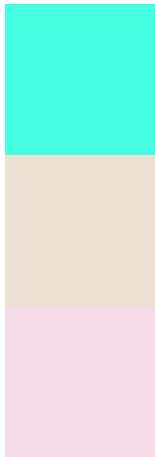
This preview shows how white text looks on a background with the YUV color 195.3790, 14.6032, -110.8344.

-110.8344.

# 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

195.3790, 14.6032, -110.8344

### Protanopia

225.8670, -8.3154, 7.1326

### Deuteranopia

228.3700, 2.2826, 14.5845



## Tritanopia

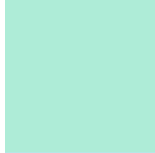
216.2840, 19.0870, -55.5001

# Trichromacy



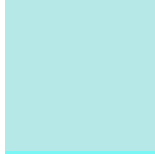
## Original Color

195.3790, 14.6032, -110.8344



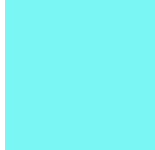
## Protanomaly

215.0680, -0.0335, -36.0166



## Deuteranomaly

216.5230, 6.6442, -31.1537



## Tritanomaly

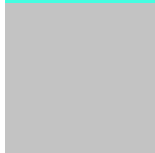
208.6960, 17.4049, -76.0324

# Monochromacy



## Original Color

195.3790, 14.6032, -110.8344



## Achromatopsia

195.0000, 0.0000, 0.0000



## Achromatomaly

194.8270, 5.5083, -40.1903

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.3790, 14.6032, -110.8344 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(69, 254, 225)` looks like.

```
.text, #text, p{  
    color:rgb(69, 254, 225)  
}
```

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(69, 254, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 254, 225) }
```

## Border

The CSS property to change the border of an element to YUV 195.3790, 14.6032, -110.8344 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(69, 254, 225) }
```



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

```
.border{ border-color:rgb(69, 254, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 254, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 254, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 254, 225);  
box-shadow:4px 4px 4px 4px rgb(69, 254,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 195.3790, 14.6032, -110.8344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 254, 225) }
```

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

```
.background{ background-color: rgb(69, 254,  
225) }
```

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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