

Converting Colors

YUV(195.4110, 16.0664,
-113.4934)

Have a look what the booklet for
YUV(195.4110, 16.0664, -113.4934)
contains.

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Color

**YUV(195.4110, 16.0664,
-113.4934)**

Conversions

Conversions Part 1

Format	Color
Hex	42FFE4
RGB	66, 255, 228
RGB Percent	26%, 100%, 89%
CMY	0.7412, 0.0000, 0.1059
CMYK	0.74, 0.00, 0.11, 0.00
HSL	171°, 100%, 63%
HSV	171°, 74%, 100%
XYZ	52.0104, 78.2797, 85.7670
YIQ	195.4110, -103.9770, -48.4650

Conversions

Conversions Part 2

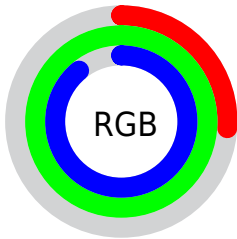
Format	Color
RYB	66, 168, 255
Decimal	4390884
CIELab	90.91, -51.84, -0.38
CIELCh	91, 51.843, 180.424
Yxy	78.2797, 0.2407, 0.3623
Android (android.graphics.Color)	4282580964 (0xFF42FFE4)
YUV	195.4110, 16.0664, -113.4934
Hunter-Lab	88.4758, -49.9017, 4.4583

Details

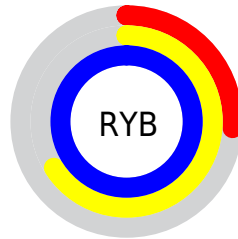
The YUV color **195.4110, 16.0664, -113.4934** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **125.5890, -16.0664, 113.4934**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6150, 16.9518, -70.6994**, and **135.3610, 18.5560, -118.7116** is the 20% darker color. If you saturate the color by 10%, you get **187.1810, 18.1518, -129.0777**, and if you desaturate by 10%, it is **203.3420, 14.1284, -98.5239**.

Distribution



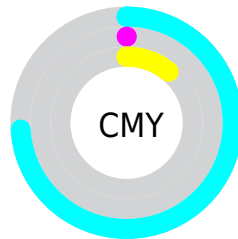
- Red (26%)
- Green (100%)
- Blue (89%)



- Red (26%)
- Yellow (66%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.4110, 16.0664, -113.4934 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 195.4110, 16.0664, -113.4934 by changing the saturation by 10% instead.

195.4110, 16.0664,
-113.4934

195.4110, 16.0664,
-113.4934

255.0000, 0.0000,
0.0000

155.4620, 21.9572,
-136.3402

220.6150, 16.9518,
-70.6994

135.3610, 18.5560,
-118.7116

230.4820, 12.0874,
-50.4117

115.8470, 14.8654,
-101.5978

240.0500, 7.3704,
-30.7388

97.1480, 11.7590,
-85.1988

249.6180, 2.6533,
-11.0660

79.0360, 8.3633,
-69.3146

61.0380, 5.4043,
-53.5303

43.8550, 3.0295,

-38.4608

■ 28.5470, 0.2233,
-25.0357

■ 3.9780, 0.0108,
-3.4887

■ 195.4110, 16.0664,
-113.4934

■ 195.4110, 16.0664,
-113.4934

■ 187.1810, 18.1518,
-129.0777

■ 203.3420, 14.1284,
-98.5239

■ 179.3640, 20.5265,
-144.1472

■ 211.4580, 11.6062,
-82.8397

■ 174.6510, 21.8641,
-153.1689

■ 219.6880, 9.5208,
-67.2554

■ 227.6190, 7.5828,
-52.2859

■ 235.7350, 5.0606,
-36.6016

■ 243.6660, 3.1227,
-21.6321

■ 251.5970, 1.1847,
-6.6626

■ 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.



211.8810, -16.7033, -56.0236



195.4110, 16.0664, -113.4934



178.1680, 37.8782, -156.2533

Triad

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



195.4110, 16.0664, -113.4934



226.1270, 14.2344, 7.7816



215.3440, -35.1726, 34.7783

Complementary

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



195.4110, 16.0664, -113.4934



125.5890, -16.0664, 113.4934

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.



210.7570, -14.6702, 38.8011



195.4110, 16.0664, -113.4934



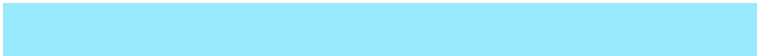
221.5410, 16.4953, 29.3435

Square

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



195.4110, 16.0664, -113.4934



212.1750, 21.1127, -51.8965



213.4080, 8.1799, 36.4762



223.4990, -47.0810, 27.6264

Rectangle

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



195.4110, 16.0664, -113.4934



175.8200, 39.0357, -154.1941



213.4080, 8.1799, 36.4762



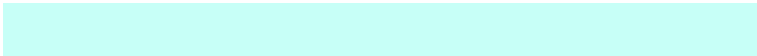
212.9620, -29.0683, 36.8673

Sweetspot

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



195.4110, 16.0664, -113.4934



237.3440, 4.7604, -33.6277



185.3150, -58.8223, -80.0833



117.2640, 2.8278, -20.4025



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.



195.4110, 16.0664, -113.4934



183.4790, 19.4839, -136.3551



159.7470, 46.9597, -82.2161



123.8850, 1.0427, -7.7921



130.8130, 16.3612, -114.7230



43.8380, 5.5029, -38.4459

Inverse Universe

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



125.5890, -16.0664, 113.4934



99.5210, -19.4839, 136.3551



161.2530, -46.9597, 82.2161



119.1150, -1.0427, 7.7921



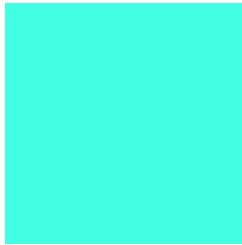
60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 195.4110, 16.0664, -113.4934 looks on a white background.

Color Contrast Check

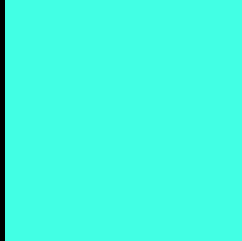
Large Text (above 18pt) WCAG AA × Fail

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 195.4110, 16.0664, -113.4934 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

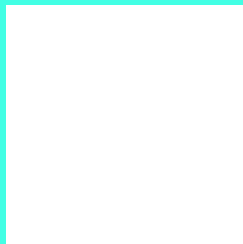
Any Text WCAG AAA ✓ Pass

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

YUV 195.4110, 16.0664, -113.4934 Background



This preview shows how black text looks on a background with the YUV color 195.4110, 16.0664, -113.4934.



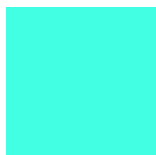
This preview shows how white text looks on a background with the YUV color 195.4110, 16.0664, -113.4934.

-113.4934.

Color Blindness Simulation

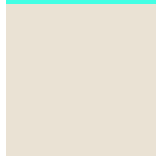
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



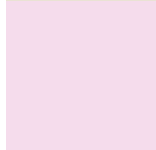
Original Color

195.4110, 16.0664, -113.4934



Protanopia

226.7960, -7.2944, 6.3179



Deuteranopia

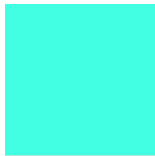
229.2990, 3.3036, 13.7698



Tritanopia

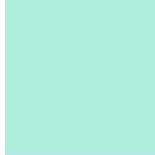
217.4800, 18.4974, -53.0410

Trichromacy



Original Color

195.4110, 16.0664, -113.4934



Protanomaly

215.6980, 1.1349, -37.4461



Deuteranomaly

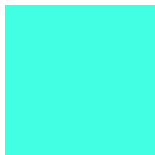
217.1530, 7.8126, -32.5832



Tritanomaly

209.4080, 17.5469, -74.9028

Monochromacy



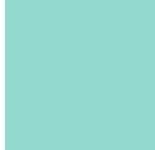
Original Color

195.4110, 16.0664, -113.4934



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.2290, 5.8031, -41.4198

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.4110, 16.0664, -113.4934 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(66, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(66, 255, 228)  
}
```

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(66, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 255, 228) }
```

Border

The CSS property to change the border of an element to YUV 195.4110, 16.0664, -113.4934 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(66, 255, 228) }
```


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

```
.border{ border-color:rgb(66, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(66, 255,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 195.4110, 16.0664, -113.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 255, 228) }
```

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

```
.background{ background-color: rgb(66, 255,  
228) }
```

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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