

Converting Colors

YUV(197.1340, 16.2029,
-110.6195)

Have a look what the booklet for
YUV(197.1340, 16.2029, -110.6195)
contains.

YUV(197.1340, 16.2029, -110.6195)	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(197.1340, 16.2029,
-110.6195)**

Conversions

Conversions Part 1

Format	Color
Hex	47FFE6
RGB	71, 255, 230
RGB Percent	28%, 100%, 90%
CMY	0.7216, 0.0000, 0.0980
CMYK	0.72, 0.00, 0.10, 0.00
HSL	172°, 100%, 64%
HSV	172°, 72%, 100%
XYZ	52.6415, 78.5728, 87.2545
YIQ	197.1340, -101.6390, -46.7830

Conversions

Conversions Part 2

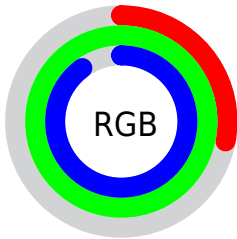
Format	Color
RYB	71, 170, 255
Decimal	4718566
CIELab	91.04, -50.77, -1.22
CIELCh	91, 50.783, 181.372
Yxy	78.5728, 0.2410, 0.3597
Android (android.graphics.Color)	4282908646 (0xFF47FFE6)
YUV	197.1340, 16.2029, -110.6195
Hunter-Lab	88.6413, -49.1163, 3.6865

Details

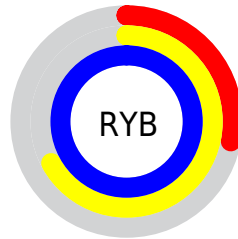
The YUV color **197.1340, 16.2029, -110.6195** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **128.8660, -16.2029, 110.6195**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8110, 16.3622, -68.2402**, and **135.5890, 19.4296, -118.9116** is the 20% darker color. If you saturate the color by 10%, you get **189.3170, 18.5777, -125.6890**, and if you desaturate by 10%, it is **205.2500, 13.6807, -94.9352**.

Distribution



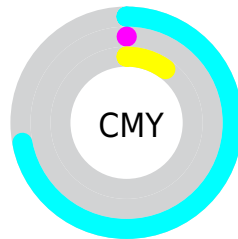
- Red (28%)
- Green (100%)
- Blue (90%)



- Red (28%)
- Yellow (67%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.1340, 16.2029, -110.6195 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 197.1340, 16.2029, -110.6195 by changing the saturation by 10% instead.

197.1340, 16.2029,
-110.6195

197.1340, 16.2029,
-110.6195

255.0000, 0.0000,
0.0000

155.6900, 22.8308,
-136.5401

221.8110, 16.3622,
-68.2402

135.5890, 19.4296,
-118.9116

231.3790, 11.6452,
-48.5674

116.0750, 15.7390,
-101.7978

240.9470, 6.9281,
-28.8945

97.2620, 12.1958,
-85.2988

250.5150, 2.2111,
-9.2217

79.2640, 9.2368,
-69.5145

61.2660, 6.2779,
-53.7303

43.9690, 3.4663,

-38.5608

■ 28.6610, 0.6601,
-25.1357

■ 4.9070, 1.0318,
-4.3034

■ 197.1340, 16.2029,
-110.6195

■ 197.1340, 16.2029,
-110.6195

■ 189.3170, 18.5777,
-125.6890

■ 205.2500, 13.6807,
-94.9352

■ 181.0870, 20.6631,
-141.2733

■ 213.1810, 11.7428,
-79.9657

■ 174.7650, 22.3009,
-153.2689

■ 220.9980, 9.3680,
-64.8962

■ 229.2280, 7.2826,
-49.3120

■ 237.3440, 4.7604,
-33.6277

■ 245.2750, 2.8224,
-18.6582

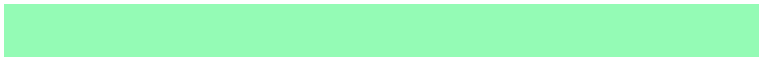
■ 253.3910, 0.3002,
-2.9739

■ 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.



212.2230, -15.3929, -56.3236



197.1340, 16.2029, -110.6195



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.



197.1340, 16.2029, -110.6195



226.7250, 13.9396, 9.0112



216.0450, -35.0252, 34.1635

Complementary

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



197.1340, 16.2029, -110.6195



128.8660, -16.2029, 110.6195

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.



211.3440, -14.9596, 38.2863



197.1340, 16.2029, -110.6195



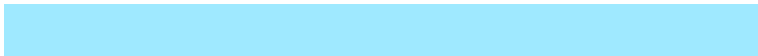
222.1280, 16.2059, 28.8287

Square

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



197.1340, 16.2029, -110.6195



213.3820, 20.5177, -47.6930



214.4680, 7.1643, 35.5466



224.4280, -46.0600, 26.8116

Rectangle

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



197.1340, 16.2029, -110.6195



175.8200, 39.0357, -154.1941



214.4680, 7.1643, 35.5466



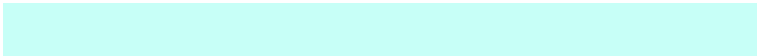
214.2500, -29.2102, 35.7377

Sweetspot

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



197.1340, 16.2029, -110.6195



237.3440, 4.7604, -33.6277



187.3800, -57.3753, -77.5093



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.



197.1340, 16.2029, -110.6195



185.2020, 19.6204, -133.4812



162.4160, 45.6439, -80.1718



123.8850, 1.0427, -7.7921



130.9270, 16.7980, -114.8230



43.8380, 5.5029, -38.4459

Inverse Universe

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



128.8660, -16.2029, 110.6195



102.7980, -19.6204, 133.4812



163.5840, -45.6439, 80.1718



119.0010, -1.4795, 7.8921



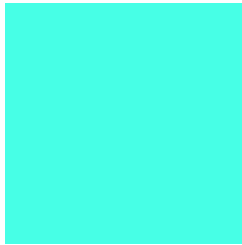
60.0730, -16.7980, 114.8230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 197.1340, 16.2029, -110.6195 looks on a white background.

Color Contrast Check

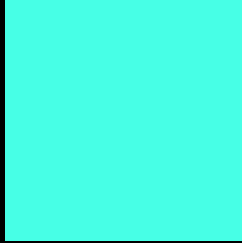
Large Text (above 18pt) WCAG AA × Fail

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 197.1340, 16.2029, -110.6195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

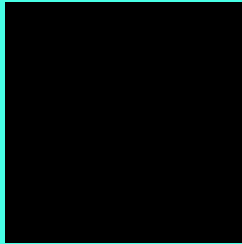
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

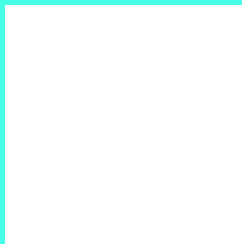
Any Text WCAG AAA ✓ Pass

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

YUV 197.1340, 16.2029, -110.6195 Background



This preview shows how black text looks on a background with the YUV color 197.1340, 16.2029, -110.6195.



This preview shows how white text looks on a background with the YUV color 197.1340, 16.2029, -110.6195.

-110.6195.

Color Blindness Simulation

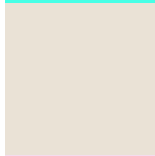
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



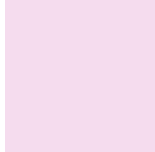
Original Color

197.1340, 16.2029, -110.6195



Protanopia

227.0240, -6.4208, 6.1180



Deuteranopia

229.5270, 4.1772, 13.5698



Tritanopia

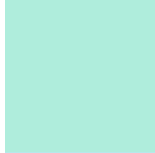
218.6650, 17.9132, -52.3262

Trichromacy



Original Color

197.1340, 16.2029, -110.6195



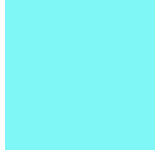
Protanomaly

216.5240, 1.7137, -36.4165



Deuteranomaly

217.9790, 8.3914, -31.5536



Tritanomaly

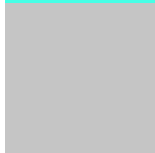
211.0060, 17.2520, -73.6733

Monochromacy



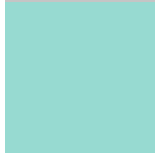
Original Color

197.1340, 16.2029, -110.6195



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.9410, 5.9451, -40.2903

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.1340, 16.2029, -110.6195 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(71, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(71, 255, 230)  
}
```

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(71, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 255, 230) }
```

Border

The CSS property to change the border of an element to YUV 197.1340, 16.2029, -110.6195 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(71, 255, 230) }
```


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

```
.border{ border-color:rgb(71, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(71, 255,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 197.1340, 16.2029, -110.6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 255, 230) }
```

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

```
.background{ background-color: rgb(71, 255,  
230) }
```

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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