

Converting Colors

YUV(180.5990, 34.2147,
-147.8613)

Have a look what the booklet for
YUV(180.5990, 34.2147, -147.8613)
contains.

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Color

**YUV(180.5990, 34.2147,
-147.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	0CFDFA
RGB	12, 253, 250
RGB Percent	5%, 99%, 98%
CMY	0.9529, 0.0078, 0.0196
CMYK	0.95, 0.00, 0.01, 0.01
HSL	179°, 98%, 52%
HSV	179°, 95%, 99%
XYZ	52.5322, 77.2308, 102.5808
YIQ	180.5990, -142.6730, -52.0250

Conversions

Conversions Part 2

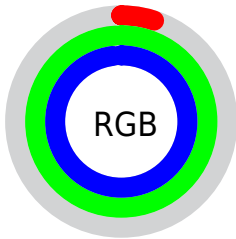
Format	Color
R _Y B	12, 133, 253
Decimal	851450
CIE Lab	90.43, -48.41, -12.57
CIE LCh	90, 50.016, 194.554
Yxy	77.2308, 0.2261, 0.3324
Android (android.graphics.Color)	4279041530 (0xFF0CFDFA)
YUV	180.5990, 34.2147, -147.8613
Hunter-Lab	87.8811, -47.0909, -7.6906

Details

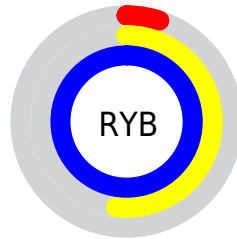
The YUV color **180.5990, 34.2147, -147.8613** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **84.4010, -34.2147, 147.8613**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **136.5810, 28.3076, -119.7815** is the 20% darker color. If you saturate the color by 10%, you get **177.0110, 35.9836, -155.2386**, and if you desaturate by 10%, it is **188.0740, 30.5295, -132.4919**.

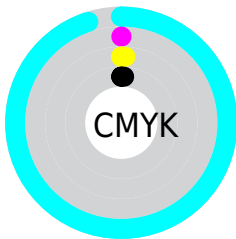
Distribution



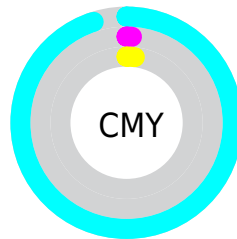
- Red (5%)
- Green (99%)
- Blue (98%)



- Red (5%)
- Yellow (52%)
- Blue (99%)



- Cyan (95%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (95%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.5990, 34.2147, -147.8613 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 180.5990, 34.2147, -147.8613 by changing the saturation by 10% instead.

180.5990, 34.2147,
-147.8613

180.5990, 34.2147,
-147.8613

255.0000, 0.0000,
0.0000

156.6820, 31.7088,
-137.4101

215.2330, 19.6051,
-81.7653

136.5810, 28.3076,
-119.7815

225.6980, 14.4459,
-60.2481

117.5400, 23.8908,
-103.0826

235.8640, 9.4340,
-39.3457

98.7270, 20.3476,
-86.5836

245.7310, 4.5696,
-19.0581

80.0280, 17.2412,
-70.1846

62.5030, 13.5560,
-54.8151

45.2060, 10.7444,

-39.6457

■ 29.7840, 7.5015,
-26.1206

■ 5.1980, 9.7624,
-4.5586

■ 180.5990, 34.2147,
-147.8613

■ 180.5990, 34.2147,
-147.8613

■ 177.0110, 35.9836,
-155.2386

■ 188.0740, 30.5295,
-132.4919

■ 195.9620, 27.1337,
-116.6077

■ 203.4370, 23.4486,
-101.2382

■ 210.9120, 19.7634,
-85.8688

■ 218.8000, 16.3676,
-69.9846

■ 226.2750, 12.6824,
-54.6152

■ 233.7500, 8.9972,
-39.2458

■ 241.3390, 5.7489,
-23.9763

■ 249.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



205.7180, -2.8190, -76.0517



180.5990, 34.2147, -147.8613



175.2330, 39.3251, -153.6793

Triad

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



180.5990, 34.2147, -147.8613



226.8240, 13.8908, 24.7104



218.4270, -41.1295, 32.0745

Complementary

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



180.5990, 34.2147, -147.8613



84.4010, -34.2147, 147.8613

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.



212.2270, -24.2689, 37.5119



180.5990, 34.2147, -147.8613



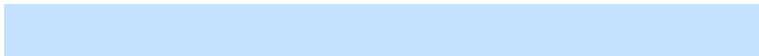
218.4920, 17.5054, 32.0175

Square

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



180.5990, 34.2147, -147.8613



218.8630, 17.8155, -20.9279



211.2590, -2.5927, 38.3609



221.6110, -43.6852, 11.7422

Rectangle

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



180.5990, 34.2147, -147.8613



192.6410, 30.7430, -107.5562



211.2590, -2.5927, 38.3609



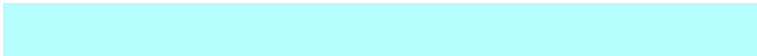
215.7030, -36.3356, 34.4635

Sweetspot

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



180.5990, 34.2147, -147.8613



232.7600, 10.4713, -45.3935



154.6630, -70.3329, -121.6075



114.4310, 6.1965, -27.5650



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.



180.5990, 34.2147, -147.8613



178.4130, 36.2784, -156.4682



112.8490, 69.0944, -88.4446



123.9990, 1.4795, -7.8921



133.6630, 27.2811, -117.2225



44.7500, 8.9972, -39.2458

Inverse Universe

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



84.4010, -34.2147, 147.8613



76.5870, -36.2784, 156.4682



152.1510, -69.0944, 88.4446



118.8870, -1.9163, 7.9921



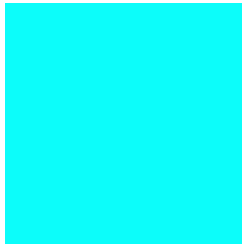
57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 180.5990, 34.2147, -147.8613 looks on a white background.

Color Contrast Check

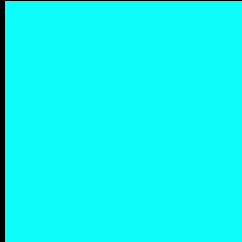
Large Text (above 18pt) WCAG AA × Fail

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 180.5990, 34.2147, -147.8613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

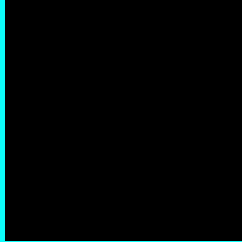
Any Text WCAG AA ✓ Pass

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 180.5990, 34.2147, -147.8613 Background



This preview shows how black text looks on a background with the YUV color 180.5990, 34.2147, -147.8613.



This preview shows how white text looks on a background with the YUV color 180.5990, 34.2147, -147.8613.

-147.8613.

Color Blindness Simulation

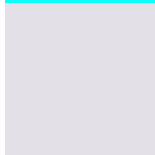
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

180.5990, 34.2147, -147.8613



Protanopia

225.8090, 3.0522, 1.0445



Deuteranopia

227.5780, 13.5190, 3.8781



Tritanopia

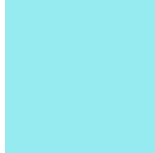
214.4900, 19.9714, -59.1887

Trichromacy



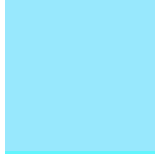
Original Color

180.5990, 34.2147, -147.8613



Protanomaly

209.7420, 14.4242, -53.2707



Deuteranomaly

210.4740, 20.9653, -51.2817



Tritanomaly

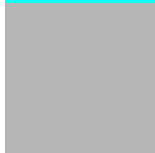
201.9590, 25.1632, -91.1720

Monochromacy



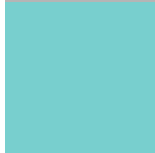
Original Color

180.5990, 34.2147, -147.8613



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.8730, 12.3876, -53.3856

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.5990, 34.2147, -147.8613 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(12, 253, 250)` looks like.

```
.text, #text, p{  
    color:rgb(12, 253, 250)  
}
```

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(12, 253, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 253, 250) }
```

Border

The CSS property to change the border of an element to YUV 180.5990, 34.2147, -147.8613 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(12, 253, 250) }
```


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

```
.border{ border-color:rgb(12, 253, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 253, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 253, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 253, 250);  
box-shadow:4px 4px 4px 4px rgb(12, 253,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 180.5990, 34.2147, -147.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 253, 250) }
```

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

```
.background{ background-color: rgb(12, 253,  
250) }
```

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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