

Converting Colors

YUV(181.1880, 27.5153,
-145.7469)

Have a look what the booklet for
YUV(181.1880, 27.5153, -145.7469)
contains.

YUV(181.1880, 27.5153, -145.7469)	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(181.1880, 27.5153,
-145.7469)**

Conversions

Conversions Part 1

Format	Color
Hex	0FFFED
RGB	15, 255, 237
RGB Percent	6%, 100%, 93%
CMY	0.9412, 0.0000, 0.0706
CMYK	0.94, 0.00, 0.07, 0.00
HSL	176°, 100%, 53%
HSV	176°, 94%, 100%
XYZ	51.2431, 77.7360, 92.4245
YIQ	181.1880, -137.2620, -56.4780

Conversions

Conversions Part 2

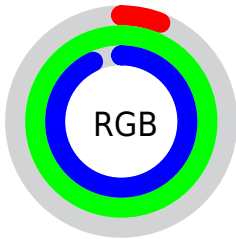
Format	Color
R _Y B	15, 140, 255
Decimal	1048557
CIE Lab	90.66, -52.79, -5.47
CIE LCh	91, 53.076, 185.918
Yxy	77.7360, 0.2314, 0.3511
Android (android.graphics.Color)	4279238637 (0xFF0FFED)
YUV	181.1880, 27.5153, -145.7469
Hunter-Lab	88.1680, -50.5502, -0.4347

Details

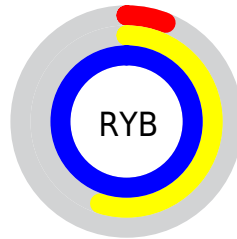
The YUV color **181.1880, 27.5153, -145.7469** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **88.8120, -27.5153, 145.7469**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **136.2730, 22.0504, -119.5114** is the 20% darker color. If you saturate the color by 10%, you get **176.5890, 29.2896, -154.8686**, and if you desaturate by 10%, it is **189.1900, 24.5563, -129.9626**.

Distribution



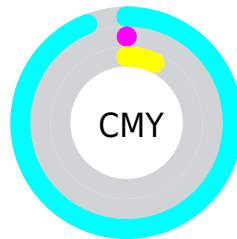
- Red (6%)
- Green (100%)
- Blue (93%)



- Red (6%)
- Yellow (55%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.1880, 27.5153, -145.7469 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 181.1880, 27.5153, -145.7469 by changing the saturation by 10% instead.

181.1880, 27.5153,
-145.7469

181.1880, 27.5153,
-145.7469

255.0000, 0.0000,
0.0000

156.4880, 25.8884,
-137.2400

215.2330, 19.6051,
-81.7653

136.2730, 22.0504,
-119.5114

225.6980, 14.4459,
-60.2481

116.7590, 18.3598,
-102.3976

235.5650, 9.5815,
-39.9605

98.0600, 15.2534,
-85.9986

245.4320, 4.7170,
-19.6729

79.9480, 11.8576,
-70.1144

61.9500, 8.8986,
-54.3302

44.6530, 6.0871,

-39.1607

■ 28.6440, 3.1335,
-25.1208

■ 4.6450, 5.1050,
-4.0737

■ 181.1880, 27.5153,
-145.7469

■ 181.1880, 27.5153,
-145.7469

■ 176.5890, 29.2896,
-154.8686

■ 189.1900, 24.5563,
-129.9626

■ 196.8930, 21.7448,
-114.7932

■ 204.8950, 18.7858,
-99.0089

■ 212.5980, 15.9742,
-83.8394

■ 220.6000, 13.0152,
-68.0552

■ 228.1890, 9.7668,
-52.7858

■ 236.1910, 6.8078,
-37.0015

■ 243.8940, 3.9963,
-21.8320

■ 251.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



208.4820, -11.5766, -67.0747



181.1880, 27.5153, -145.7469



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.



181.1880, 27.5153, -145.7469



226.7800, 13.9125, 17.7329



215.6060, -39.2458, 34.5485

Complementary

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



181.1880, 27.5153, -145.7469



88.8120, -27.5153, 145.7469

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.



209.6170, -19.0382, 39.8009



181.1880, 27.5153, -145.7469



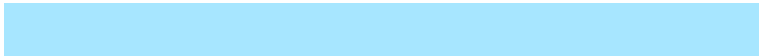
219.1930, 17.6529, 31.4027

Square

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



181.1880, 27.5153, -145.7469



214.0130, 20.2066, -41.2304



211.0940, 4.3907, 38.5056



223.7220, -48.6699, 23.9228

Rectangle

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



181.1880, 27.5153, -145.7469



174.6460, 39.6145, -153.1645



211.0940, 4.3907, 38.5056



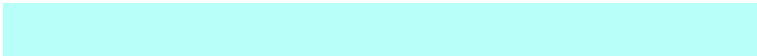
213.2240, -33.1414, 36.6376

Sweetspot

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



181.1880, 27.5153, -145.7469



233.2010, 8.2819, -43.1493



161.8600, -72.4020, -111.2562



114.3880, 4.7387, -26.6503



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.



181.1880, 27.5153, -145.7469



176.5890, 29.2896, -154.8686



124.5400, 64.3168, -96.0666



123.9990, 1.4795, -7.8921



132.2950, 22.0396, -116.0227



44.2940, 7.2501, -38.8458

Inverse Universe

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



88.8120, -27.5153, 145.7469



78.4110, -29.2896, 154.8686



145.4600, -64.3168, 96.0666



119.0010, -1.4795, 7.8921



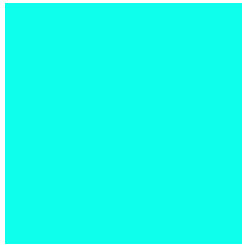
58.7050, -22.0396, 116.0227



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 181.1880, 27.5153, -145.7469 looks on a white background.

Color Contrast Check

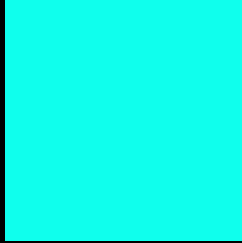
Large Text (above 18pt) WCAG AA × Fail

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 181.1880, 27.5153, -145.7469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

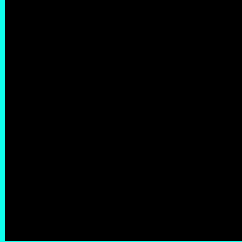
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

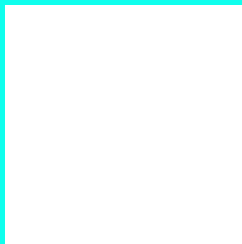
Any Text WCAG AAA ✓ Pass

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

YUV 181.1880, 27.5153, -145.7469 Background



This preview shows how black text looks on a background with the YUV color 181.1880, 27.5153, -145.7469.

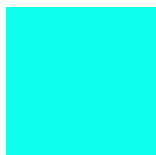


This preview shows how white text looks on a background with the YUV color 181.1880, 27.5153, -145.7469.

Color Blindness Simulation

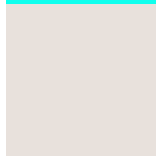
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



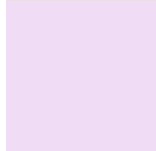
Original Color

181.1880, 27.5153, -145.7469



Protanopia

226.5230, -3.2158, 4.8033



Deuteranopia

228.8300, 7.9718, 9.7961



Tritanopia

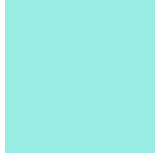
215.3870, 19.5292, -57.3444

Trichromacy



Original Color

181.1880, 27.5153, -145.7469



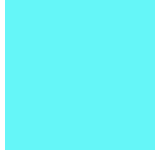
Protanomaly

210.0430, 7.8668, -50.0267



Deuteranomaly

211.6010, 14.9867, -47.0081



Tritanomaly

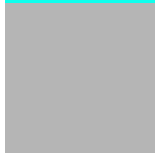
202.8730, 22.2476, -89.3426

Monochromacy



Original Color

181.1880, 27.5153, -145.7469



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.1890, 9.7668, -52.7858

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.1880, 27.5153, -145.7469 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(15, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(15, 255, 237)  
}
```

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(15, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 255, 237) }
```

Border

The CSS property to change the border of an element to YUV 181.1880, 27.5153, -145.7469 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(15, 255, 237) }
```


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

```
.border{ border-color:rgb(15, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(15, 255,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 181.1880, 27.5153, -145.7469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 255, 237) }
```

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

```
.background{ background-color: rgb(15, 255,  
237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

[@ConvertingColor](#)