

Converting Colors

YUV(180.9600, 26.6417,
-145.5469)

Have a look what the booklet for
YUV(180.9600, 26.6417, -145.5469)
contains.

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Color

**YUV(180.9600, 26.6417,
-145.5469)**

Conversions

Conversions Part 1

Format	Color
Hex	0FFFE8
RGB	15, 255, 235
RGB Percent	6%, 100%, 92%
CMY	0.9412, 0.0000, 0.0784
CMYK	0.94, 0.00, 0.08, 0.00
HSL	175°, 100%, 53%
HSV	175°, 94%, 100%
XYZ	50.9524, 77.6197, 90.8939
YIQ	180.9600, -136.6200, -57.1000

Conversions

Conversions Part 2

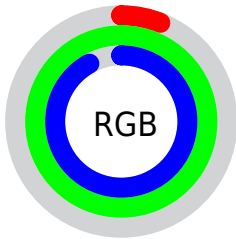
Format	Color
R _Y B	15, 140, 255
Decimal	1048555
CIE Lab	90.61, -53.34, -4.51
CIE LCh	91, 53.526, 184.836
Yxy	77.6197, 0.2322, 0.3537
Android (android.graphics.Color)	4279238635 (0xFF0FFFE _B)
YUV	180.9600, 26.6417, -145.5469
Hunter-Lab	88.1021, -50.9460, 0.5026

Details

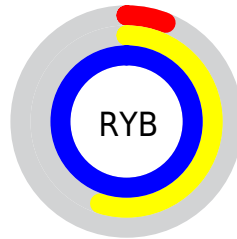
The YUV color **180.9600, 26.6417, -145.5469** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **89.0400, -26.6417, 145.5469**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **136.0450, 21.1768, -119.3115** is the 20% darker color. If you saturate the color by 10%, you get **176.3610, 28.4160, -154.6686**, and if you desaturate by 10%, it is **188.9620, 23.6827, -129.7627**.

Distribution



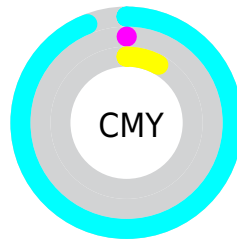
- Red (6%)
- Green (100%)
- Blue (92%)



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



- Cyan (94%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9600, 26.6417, -145.5469 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 180.9600, 26.6417, -145.5469 by changing the saturation by 10% instead.

180.9600, 26.6417,
-145.5469

180.9600, 26.6417,
-145.5469

255.0000, 0.0000,
0.0000

156.2600, 25.0148,
-137.0400

214.9340, 19.7525,
-82.3801

136.0450, 21.1768,
-119.3115

225.3990, 14.5933,
-60.8629

116.6450, 17.9230,
-102.2977

235.5650, 9.5815,
-39.9605

97.8320, 14.3798,
-85.7987

245.4320, 4.7170,
-19.6729

79.1330, 11.2734,
-69.3996

61.7220, 8.0251,
-54.1302

44.4250, 5.2135,

-38.9607

■ 28.5300, 2.6967,
-25.0208

■ 4.4170, 4.2314,
-3.8737

■ 180.9600, 26.6417,
-145.5469

■ 180.9600, 26.6417,
-145.5469

■ 176.3610, 28.4160,
-154.6686

■ 188.9620, 23.6827,
-129.7627

■ 196.6650, 20.8712,
-114.5932

■ 204.6670, 17.9122,
-98.8090

■ 212.3700, 15.1006,
-83.6395

■ 220.4860, 12.5784,
-67.9552

■ 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.



207.9660, -12.3082, -65.7452



180.9600, 26.6417, -145.5469



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.



180.9600, 26.6417, -145.5469



226.4700, 14.0653, 15.3738



215.0190, -38.9564, 35.0633

Complementary

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



180.9600, 26.6417, -145.5469



89.0400, -26.6417, 145.5469

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.



209.1440, -18.3120, 40.2157



180.9600, 26.6417, -145.5469



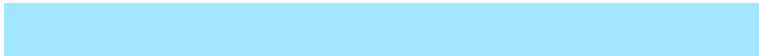
219.1930, 17.6529, 31.4027

Square

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



180.9600, 26.6417, -145.5469



213.1050, 20.6542, -44.8191



211.3220, 5.2643, 38.3056



223.3200, -48.9648, 25.1524

Rectangle

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



180.9600, 26.6417, -145.5469



174.6460, 39.6145, -153.1645



211.3220, 5.2643, 38.3056



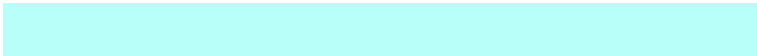
212.6370, -32.8520, 37.1524

Sweetspot

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



180.9600, 26.6417, -145.5469



233.0870, 7.8451, -43.0493



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.



180.9600, 26.6417, -145.5469



176.3610, 28.4160, -154.6686



124.5400, 64.3168, -96.0666



123.8850, 1.0427, -7.7921



132.0670, 21.1660, -115.8228



44.1800, 6.8133, -38.7459

Inverse Universe

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



89.0400, -26.6417, 145.5469



78.6390, -28.4160, 154.6686



145.4600, -64.3168, 96.0666



119.0010, -1.4795, 7.8921



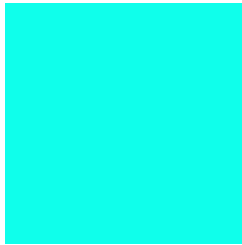
58.9330, -21.1660, 115.8228



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 180.9600, 26.6417, -145.5469 looks on a white background.

Color Contrast Check

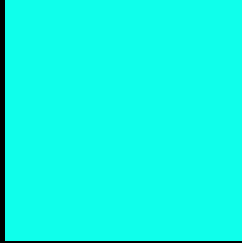
Large Text (above 18pt) WCAG AA × Fail

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 180.9600, 26.6417, -145.5469 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 180.9600, 26.6417, -145.5469 Background



This preview shows how black text looks on a background with the YUV color 180.9600, 26.6417, -145.5469.



This preview shows how white text looks on a background with the YUV color 180.9600, 26.6417, -145.5469.

Color Blindness Simulation

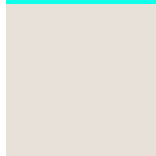
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



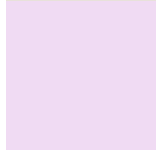
Original Color

180.9600, 26.6417, -145.5469



Protanopia

226.2950, -4.0894, 5.0033



Deuteranopia

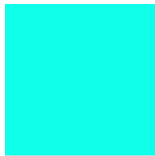
228.0150, 7.3876, 10.5108



Tritanopia

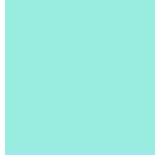
215.3870, 19.5292, -57.3444

Trichromacy



Original Color

180.9600, 26.6417, -145.5469



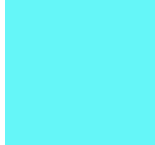
Protanomaly

209.8150, 6.9932, -49.8268



Deuteranomaly

210.7860, 14.4025, -46.2933



Tritanomaly

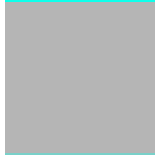
202.8730, 22.2476, -89.3426

Monochromacy



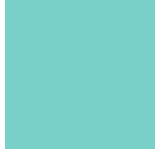
Original Color

180.9600, 26.6417, -145.5469



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 180.9600, 26.6417, -145.5469 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(15, 255, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 255, 235) }
```

Border

The CSS property to change the border of an element to YUV 180.9600, 26.6417, -145.5469 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, 235) }
```


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

```
.border{ border-color:rgb(15, 255, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(15, 255,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 180.9600, 26.6417, -145.5469 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, 235) }
```

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

```
.background{ background-color: rgb(15, 255,  
235) }
```

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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