

Converting Colors

YUV(180.9470, 36.5081,
-136.7655)

Have a look what the booklet for
YUV(180.9470, 36.5081, -136.7655)
contains.

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Color

**YUV(180.9470, 36.5081,
-136.7655)**

Conversions

Conversions Part 1

Format	Color
Hex	19F6FF
RGB	25, 246, 255
RGB Percent	10%, 96%, 100%
CMY	0.9020, 0.0353, 0.0000
CMYK	0.90, 0.04, 0.00, 0.00
HSL	182°, 100%, 55%
HSV	182°, 90%, 100%
XYZ	51.4067, 73.3382, 106.0540
YIQ	180.9470, -134.6050, -44.0530

Conversions

Conversions Part 2

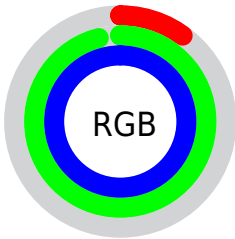
Format	Color
R_{YB}	25, 138, 255
Decimal	1701631
CIE _{Lab}	88.61, -43.52, -17.89
CIE _{LCh}	89, 47.057, 202.348
Yxy	73.3382, 0.2227, 0.3178
Android (android.graphics.Color)	4279891711 (0xFF19F6FF)
YUV	180.9470, 36.5081, -136.7655
Hunter-Lab	85.6377, -42.7159, -13.4785

Details

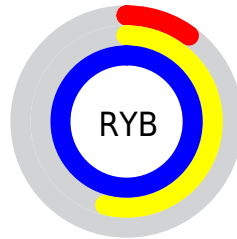
The YUV color **180.9470, 36.5081, -136.7655** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **99.0530, -36.5081, 136.7655**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8310, 19.3103, -80.5358**, and **133.5150, 31.7911, -117.0927** is the 20% darker color. If you saturate the color by 10%, you get **172.8850, 40.4827, -151.6201**, and if you desaturate by 10%, it is **189.0090, 32.5336, -121.9109**.

Distribution



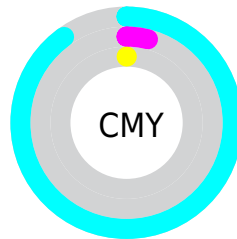
- Red (10%)
- Green (96%)
- Blue (100%)



- Red (10%)
- Yellow (54%)
- Blue (100%)



- Cyan (90%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9470, 36.5081, -136.7655 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 180.9470, 36.5081, -136.7655 by changing the saturation by 10% instead.

180.9470, 36.5081,
-136.7655

180.9470, 36.5081,
-136.7655

255.0000, 0.0000,
0.0000

153.1430, 35.9185,
-134.3064

215.8310, 19.3103,
-80.5358

133.5150, 31.7911,
-117.0927

226.2960, 14.1511,
-59.0186

114.0010, 28.1005,
-99.9789

236.1630, 9.2866,
-38.7310

95.7750, 24.2679,
-83.9947

246.0300, 4.4222,
-18.4433

77.5490, 20.4353,
-68.0105

59.4370, 17.0396,
-52.1262

42.7270, 13.9386,

-37.4716

■ 27.7780, 9.9694,
-24.3613

■ 3.7790, 11.9410,
-3.3142

■ 180.9470, 36.5081,
-136.7655

■ 180.9470, 36.5081,
-136.7655

■ 172.8850, 40.4827,
-151.6201

■ 189.0090, 32.5336,
-121.9109

■ 197.3700, 28.4116,
-106.4415

■ 205.4320, 24.4370,
-91.5869

■ 213.7930, 20.3151,
-76.1175

■ 221.8550, 16.3405,
-61.2628

■ 230.2160, 12.2185,
-45.7934

■ 238.2780, 8.2439,
-30.9388

■ 246.6390, 4.1220,
-15.4694

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



199.6230, 4.6229, -82.9844



180.9470, 36.5081, -136.7655



184.2910, 34.8595, -121.2812

Triad

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



180.9470, 36.5081, -136.7655



222.1280, 16.2059, 28.8287



218.1990, -42.0031, 32.2745

Complementary

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



180.9470, 36.5081, -136.7655



99.0530, -36.5081, 136.7655

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.



211.0870, -28.6369, 38.5117



180.9470, 36.5081, -136.7655



213.5050, 11.0900, 36.3911

Square

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



180.9470, 36.5081, -136.7655



218.3640, 18.0615, -6.4582



208.9620, -8.8553, 40.3753



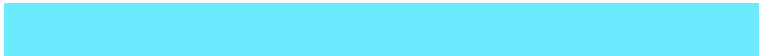
215.9240, -38.4165, 1.8207

Rectangle

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



180.9470, 36.5081, -136.7655



199.3070, 27.4566, -80.0762



208.9620, -8.8553, 40.3753



215.7200, -38.8090, 34.4486

Sweetspot

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



180.9470, 36.5081, -136.7655



232.6080, 11.0393, -40.8752



160.9220, -63.0655, -119.2036



114.5670, 6.6225, -24.1763



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.



180.9470, 36.5081, -136.7655



172.8850, 40.4827, -151.6201



114.0290, 69.4987, -78.0784



123.5260, 2.2057, -7.4773



129.7820, 30.1805, -113.8188



43.1030, 10.3022, -37.8013

Inverse Universe

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



118.9640, 62.6287, 119.3036



104.1750, 69.4267, 132.2735



165.9710, -69.4987, 78.0784



120.2550, 3.3253, 6.7924



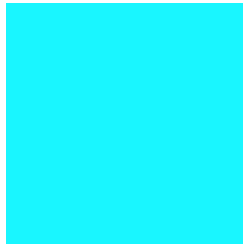
78.0850, 52.2161, 99.0265



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 180.9470, 36.5081, -136.7655 looks on a white background.

Color Contrast Check

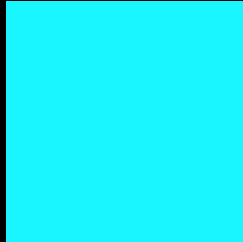
Large Text (above 18pt) WCAG AA × Fail

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 180.9470, 36.5081, -136.7655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

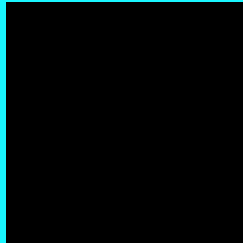
Any Text WCAG AA ✓ Pass

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 180.9470, 36.5081, -136.7655 Background



This preview shows how black text looks on a background with the YUV color 180.9470, 36.5081, -136.7655.



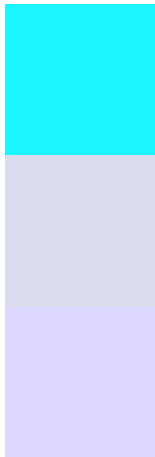
This preview shows how white text looks on a background with the YUV color 180.9470, 36.5081, -136.7655.

-136.7655.

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

180.9470, 36.5081, -136.7655

Protanopia

221.1660, 8.2992, -1.8996

Deuteranopia

221.9410, 16.2981, -0.8253



Tritanopia

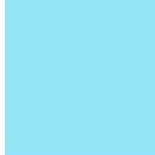
204.6450, 24.8250, -75.9877

Trichromacy



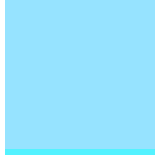
Original Color

180.9470, 36.5081, -136.7655



Protanomaly

206.4910, 18.4919, -51.2966



Deuteranomaly

207.1690, 23.5807, -50.1372



Tritanomaly

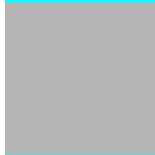
196.2400, 28.9687, -98.4345

Monochromacy



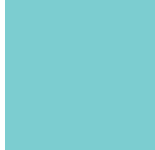
Original Color

180.9470, 36.5081, -136.7655



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.1230, 13.2504, -50.0969

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9470, 36.5081, -136.7655 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(25, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 246, 255)  
}
```

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(25, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 246, 255) }
```

Border

The CSS property to change the border of an element to YUV 180.9470, 36.5081, -136.7655 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(25, 246, 255) }
```


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

```
.border{ border-color:rgb(25, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 246,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 180.9470, 36.5081, -136.7655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 246, 255) }
```

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

```
.background{ background-color: rgb(25, 246,  
255) }
```

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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