

Converting Colors

YUV(181.4660, 36.2523,
-101.2637)

Have a look what the booklet for
YUV(181.4660, 36.2523, -101.2637)
contains.

YUV(181.4660, 36.2523, -101.2637)	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(181.4660, 36.2523,
-101.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	42E2FF
RGB	66, 226, 255
RGB Percent	26%, 89%, 100%
CMY	0.7412, 0.1137, 0.0000
CMYK	0.74, 0.11, 0.00, 0.00
HSL	189°, 100%, 63%
HSV	189°, 74%, 100%
XYZ	47.4931, 62.7710, 104.2206
YIQ	181.4660, -104.6690, -24.9010

Conversions

Conversions Part 2

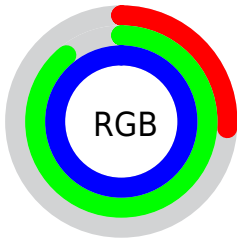
Format	Color
R _{YB}	66, 153, 255
Decimal	4383487
CIE _{Lab}	83.32, -31.35, -25.86
CIE _{LCh}	83, 40.635, 219.522
Y _{xy}	62.7710, 0.2214, 0.2927
Android (android.graphics.Color)	4282573567 (0xFF42E2FF)
YUV	181.4660, 36.2523, -101.2637
Hunter-Lab	79.2281, -31.6478, -22.5333

Details

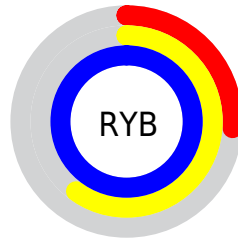
The YUV color **181.4660, 36.2523, -101.2637** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **139.5340, -36.2523, 101.2637**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **122.3620, 37.2895, -107.3115** is the 20% darker color. If you saturate the color by 10%, you get **171.3440, 41.2424, -115.1887**, and if you desaturate by 10%, it is **191.2890, 31.4095, -87.9535**.

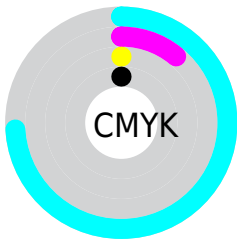
Distribution



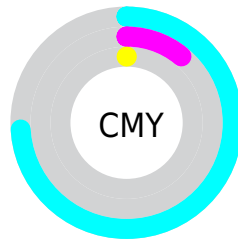
- Red (26%)
- Green (89%)
- Blue (100%)



- Red (26%)
- Yellow (60%)
- Blue (100%)



- Cyan (74%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.4660, 36.2523, -101.2637 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 181.4660, 36.2523, -101.2637 by changing the saturation by 10% instead.

181.4660, 36.2523,
-101.2637

181.4660, 36.2523,
-101.2637

255.0000, 0.0000,
0.0000

141.9900, 41.4169,
-124.5252

220.3160, 17.0992,
-71.3141

122.3620, 37.2895,
-107.3115

230.1830, 12.2348,
-51.0265

103.4350, 33.3095,
-90.7125

239.7510, 7.5178,
-31.3536

85.6820, 28.7508,
-75.1431

249.0200, 2.9481,
-12.2955

67.5700, 25.3550,
-59.2589

50.6320, 21.3804,
-44.4043

34.3950, 17.5533,

-30.1644

■ 18.3860, 14.5997,
-16.1245

■ 3.5510, 11.0674,
-3.1142

■ 181.4660, 36.2523,
-101.2637

■ 181.4660, 36.2523,
-101.2637

■ 171.3440, 41.2424,
-115.1887

■ 191.2890, 31.4095,
-87.9535

■ 161.5210, 46.0851,
-128.4989

■ 201.4110, 26.4194,
-74.0284

■ 155.8620, 48.8750,
-136.6910

■ 211.5330, 21.4292,
-60.1034

■ 221.3560, 16.5865,
-46.7932

■ 231.4780, 11.5963,
-32.8682

■ 240.7140, 7.0430,
-19.0432

■ 250.5370, 2.2003,
-5.7329

■ 255.0000, 0.0000,
0.0000

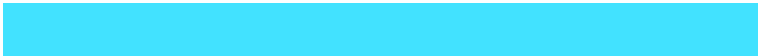
Harmonies

Analogous

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



184.5160, 17.0006, -86.3985



181.4660, 36.2523, -101.2637



190.8120, 31.6447, -69.9951

Triad

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



181.4660, 36.2523, -101.2637



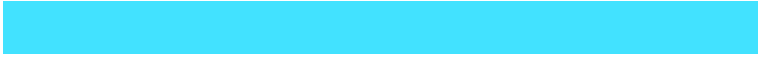
209.8690, 12.3896, 39.5799



203.6960, -35.8391, 15.1756

Complementary

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



181.4660, 36.2523, -101.2637



139.5340, -36.2523, 101.2637

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.



206.9150, -34.4681, 42.1705



181.4660, 36.2523, -101.2637



203.1890, -3.0512, 45.4382

Square

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



181.4660, 36.2523, -101.2637



210.5330, 21.9222, 15.3186



202.6070, -20.5123, 45.9487



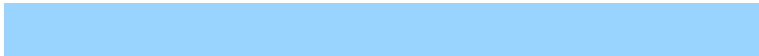
199.4190, -25.8426, -17.9075

Rectangle

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



181.4660, 36.2523, -101.2637



198.6740, 27.7687, -40.0561



202.6070, -20.5123, 45.9487



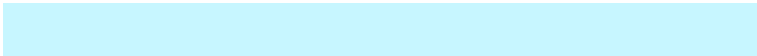
205.2350, -36.5979, 25.2269

Sweetspot

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



181.4660, 36.2523, -101.2637



232.9730, 10.8593, -29.7943



180.1350, -42.4646, -100.0964



114.3120, 6.7482, -17.8136



0.0000, 0.0000, 0.0000



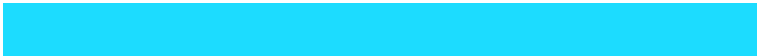
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



181.4660, 36.2523, -101.2637



166.5820, 43.5901, -121.5364



126.2880, 63.4550, -52.8726



122.9390, 2.4951, -6.9625



116.8680, 36.5471, -102.4932



38.9940, 12.3280, -34.1977

Inverse Universe

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



140.7510, 42.0278, 100.1964



117.7610, 50.4038, 120.3586



194.7120, -63.4550, 52.8726



120.1410, 2.8885, 6.8923



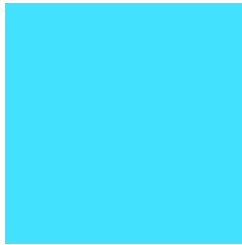
75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 181.4660, 36.2523, -101.2637 looks on a white background.

Color Contrast Check

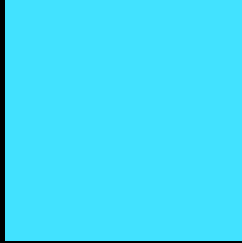
Large Text (above 18pt) WCAG AA × Fail

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 181.4660, 36.2523, -101.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

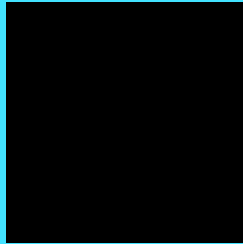
Any Text WCAG AA ✓ Pass

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 181.4660, 36.2523, -101.2637 Background



This preview shows how black text looks on a background with the YUV color 181.4660, 36.2523, -101.2637.



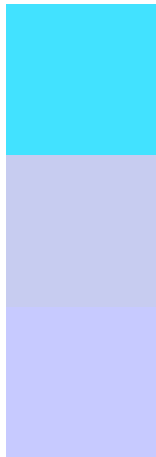
This preview shows how white text looks on a background with the YUV color 181.4660, 36.2523, -101.2637.

-101.2637.

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

181.4660, 36.2523, -101.2637

Protanopia

206.6090, 16.4618, -6.6731

Deuteranopia

207.1450, 23.5925, -7.1432



Tritanopia

178.9340, 33.0635, -105.1821

Trichromacy



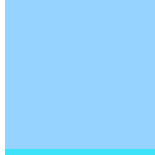
Original Color

181.4660, 36.2523, -101.2637



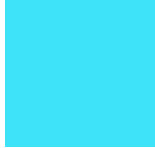
Protanomaly

197.5230, 23.4062, -40.8007



Deuteranomaly

198.0760, 28.0635, -41.2857



Tritanomaly

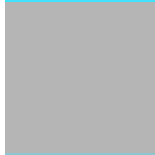
180.1730, 33.9317, -103.6377

Monochromacy



Original Color

181.4660, 36.2523, -101.2637



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9120, 13.3544, -36.7568

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.4660, 36.2523, -101.2637 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(66, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(66, 226, 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(66, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 226, 255) }
```

Border

The CSS property to change the border of an element to YUV 181.4660, 36.2523, -101.2637 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(66, 226, 255) }
```


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

```
.border{ border-color:rgb(66, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(66, 226,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 181.4660, 36.2523, -101.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 226, 255) }
```

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

```
.background{ background-color: rgb(66, 226,  
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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