

# Converting Colors

YUV(146.3140, 53.5822,  
-106.3924)

Have a look what the booklet for  
YUV(146.3140, 53.5822, -106.3924)  
contains.

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# Color

**YUV(146.3140, 53.5822,  
-106.3924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19BBFF
RGB	25, 187, 255
RGB Percent	10%, 73%, 100%
CMY	0.9020, 0.2667, 0.0000
CMYK	0.90, 0.27, 0.00, 0.00
HSL	198°, 100%, 55%
HSV	198°, 90%, 100%
XYZ	36.2212, 42.9673, 100.9922
YIQ	146.3140, -118.3800, -13.1960

# Conversions

## Conversions Part 2

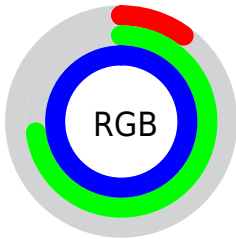
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 120, 255
Decimal	1686527
CIE Lab	71.53, -14.79, -44.13
CIE LCh	72, 46.542, 251.467
Yxy	42.9673, 0.2010, 0.2385
Android (android.graphics.Color)	4279876607 (0xFF19BBFF)
YUV	146.3140, 53.5822, -106.3924
Hunter-Lab	65.5495, -16.0763, -45.4636

# Details

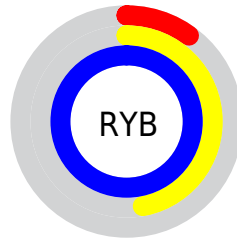
The YUV color **146.3140, 53.5822, -106.3924** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **133.6860, -53.5822, 106.3924**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9930, 23.6675, -78.0469**, and **101.2300, 47.7076, -88.7787** is the 20% darker color. If you saturate the color by 10%, you get **134.7300, 59.2931, -118.1582**, and if you desaturate by 10%, it is **158.4850, 47.5819, -95.1413**.

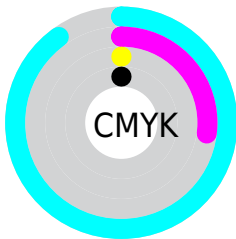
# Distribution



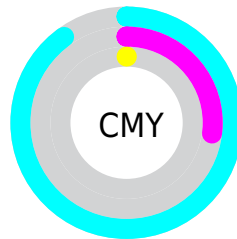
- Red (10%)
- Green (73%)
- Blue (100%)



- Red (10%)
- Yellow (47%)
- Blue (100%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.3140, 53.5822, -106.3924 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 146.3140, 53.5822, -106.3924 by changing the saturation by 10% instead.



■ 146.3140, 53.5822,  
-106.3924

■ 146.3140, 53.5822,  
-106.3924

255.0000, 0.0000,  
0.0000

■ 119.6840, 52.4138,  
-104.9629

■ 206.9930, 23.6675,  
-78.0469

■ 101.2300, 47.7076,  
-88.7787

■ 224.2030, 15.1829,  
-63.3220

■ 83.3630, 42.7120,  
-73.1094

■ 233.7710, 10.4659,  
-43.6492

■ 66.3110, 38.3007,  
-58.1547

■ 243.3390, 5.7489,  
-23.9763

■ 49.8460, 33.5999,  
-43.7149

■ 252.9070, 1.0318,  
-4.3034

■ 34.0820, 29.0466,  
-29.8899

■ 17.8450, 25.2194,

-15.6501

■ 7.0050, 19.2245,  
-6.1434

■ 3.3230, 10.1938,  
-2.9143

■ 146.3140, 53.5822,  
-106.3924

■ 146.3140, 53.5822,  
-106.3924

■ 134.7300, 59.2931,  
-118.1582

■ 158.4850, 47.5819,  
-95.1413

■ 170.3680, 41.7236,  
-82.7607

■ 182.5390, 35.7233,  
-71.5097

■ 194.4220, 29.8650,  
-59.1291

■ 206.5930, 23.8647,  
-47.8781

■ 218.4760, 18.0063,  
-35.4975

■ 230.6470, 12.0060,  
-24.2464

■ 242.5300, 6.1477,  
-11.8658

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.



140.6850, 44.0323, -123.3807



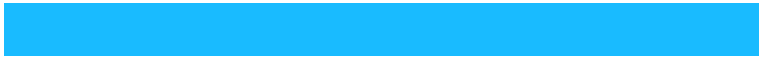
146.3140, 53.5822, -106.3924



171.8720, 40.9821, -31.4597

# Triad

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



146.3140, 53.5822, -106.3924



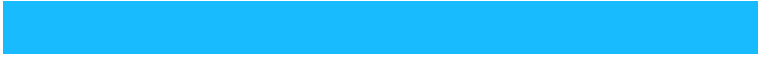
177.2520, -8.5052, 68.1850



165.0440, -27.1367, -22.8406

# Complementary

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



146.3140, 53.5822, -106.3924



133.6860, -53.5822, 106.3924

# 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.



170.3600, -39.6175, 13.7163



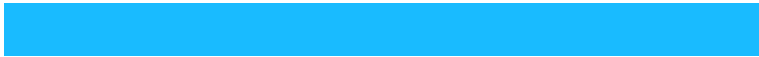
146.3140, 53.5822, -106.3924



175.7080, -26.9710, 64.2771

# Square

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



146.3140, 53.5822, -106.3924



179.4300, 11.6200, 53.1199



173.9600, -39.4203, 43.8851



155.1430, -4.0145, -65.9004



# Rectangle

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



146.3140, 53.5822, -106.3924



178.3710, 34.3271, 3.1826



173.9600, -39.4203, 43.8851



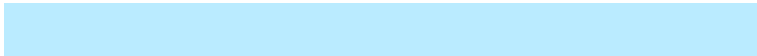
167.0410, -32.5582, -10.5600

# Sweetspot

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



146.3140, 53.5822, -106.3924



222.6290, 15.9589, -32.1236



167.4200, -38.1681, -124.9023



108.1100, 9.8058, -18.5135



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

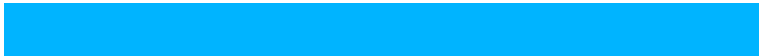


# Same Dimension

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



146.3140, 53.5822, -106.3924



134.7300, 59.2931, -118.1582



80.5700, 85.9940, -48.7349



121.7650, 3.0739, -5.9329



101.0190, 44.3606, -88.5937



33.7110, 14.9325, -29.5645



# Inverse Universe

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



112.2380, 36.8577, 125.2023



96.7650, 41.0349, 138.7721



199.4300, -85.9940, 48.7349



119.9130, 2.0149, 7.0923



72.4990, 30.8130, 103.9254

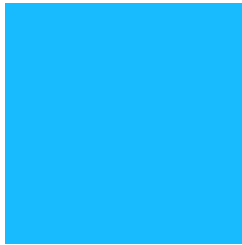


24.2660, 10.2219, 34.8467



# Previews

## White Background



This preview shows how the YUV color 146.3140, 53.5822, -106.3924 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

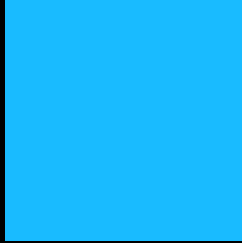
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 146.3140, 53.5822, -106.3924 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

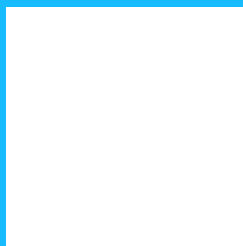
Any Text WCAG AAA ✓ Pass

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

# YUV 146.3140, 53.5822, -106.3924 Background



This preview shows how black text looks on a background with the YUV color 146.3140, 53.5822, -106.3924.



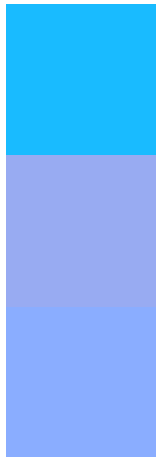
This preview shows how white text looks on a background with the YUV color 146.3140, 53.5822, -106.3924.

-106.3924.

# 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

146.3140, 53.5822, -106.3924

### Protanopia

173.4130, 33.8134, -18.7792

### Deuteranopia

171.8830, 40.9767, -29.7154



## Tritanopia

137.0030, 35.0015, -120.1516

# Trichromacy



## Original Color

146.3140, 53.5822, -106.3924

## Protanomaly

163.7510, 41.0418, -50.6476

## Deuteranomaly

162.5590, 45.5734, -57.4952

## Tritanomaly

140.4580, 41.6792, -115.2887

# Monochromacy



## Original Color

146.3140, 53.5822, -106.3924

## Achromatopsia

146.0000, 0.0000, 0.0000

## Achromatomaly

146.2090, 19.6170, -38.7713

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.3140, 53.5822, -106.3924 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, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 187, 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, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 187, 255) }
```

## Border

The CSS property to change the border of an element to YUV 146.3140, 53.5822, -106.3924 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, 187, 255) }
```



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

```
.border{ border-color:rgb(25, 187, 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, 187, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 187,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 146.3140, 53.5822, -106.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 187, 255) }
```

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

```
.background{ background-color: rgb(25, 187,  
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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