

# Converting Colors

YUV(167.3720, 42.2146,  
-100.3042)

Have a look what the booklet for  
YUV(167.3720, 42.2146, -100.3042)  
contains.

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# Color

**YUV(167.3720, 42.2146,  
-100.3042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35D1FD
RGB	53, 209, 253
RGB Percent	21%, 82%, 99%
CMY	0.7922, 0.1804, 0.0078
CMYK	0.79, 0.17, 0.00, 0.01
HSL	193°, 98%, 60%
HSV	193°, 79%, 99%
XYZ	41.9983, 53.4497, 101.0318
YIQ	167.3720, -107.1000, -19.3880

# Conversions

## Conversions Part 2

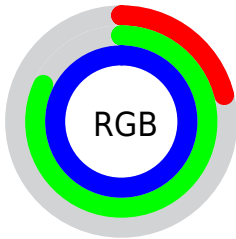
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 141, 253
Decimal	3527165
CIELab	78.14, -24.94, -32.76
CIELCh	78, 41.176, 232.718
Yxy	53.4497, 0.2138, 0.2720
Android (android.graphics.Color)	4281717245 (0xFF35D1FD)
YUV	167.3720, 42.2146, -100.3042
Hunter-Lab	73.1093, -25.4003, -30.7580

# Details

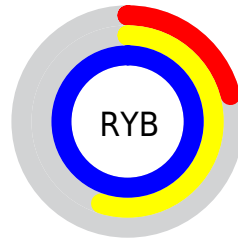
The YUV color **167.3720, 42.2146, -100.3042** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **138.6280, -42.2146, 100.3042**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **112.7420, 41.0462, -98.8747** is the 20% darker color. If you saturate the color by 10%, you get **156.3750, 47.6361, -112.5849**, and if you desaturate by 10%, it is **178.3690, 36.7931, -88.0236**.

# Distribution



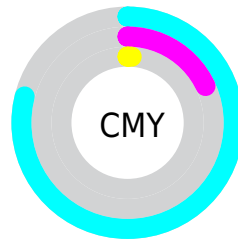
- Red (21%)
- Green (82%)
- Blue (99%)



- Red (21%)
- Yellow (55%)
- Blue (99%)



- Cyan (79%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (18%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.3720, 42.2146, -100.3042 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 167.3720, 42.2146, -100.3042 by changing the saturation by 10% instead.



167.3720, 42.2146,  
-100.3042

167.3720, 42.2146,  
-100.3042

255.0000, 0.0000,  
0.0000

131.7830, 45.4630,  
-115.5737

217.6250, 18.4259,  
-76.8471

112.7420, 41.0462,  
-98.8747

227.4920, 13.5614,  
-56.5595

94.4020, 36.7768,  
-82.7906

237.0600, 8.8444,  
-36.8866

76.6490, 32.2180,  
-67.2212

246.6280, 4.1274,  
-17.2138

59.7110, 28.2435,  
-52.3665

42.7730, 24.2689,  
-37.5119

28.2970, 19.5736,

-24.8165

■ 7.0050, 19.2245,  
-6.1434

■ 3.3230, 10.1938,  
-2.9143

■ 167.3720, 42.2146,  
-100.3042

■ 167.3720, 42.2146,  
-100.3042

■ 156.3750, 47.6361,  
-112.5849

■ 178.3690, 36.7931,  
-88.0236

■ 145.6660, 52.9157,  
-125.9951

■ 189.0780, 31.5135,  
-74.6134

■ 144.4810, 53.4999,  
-126.7098

■ 200.0750, 26.0920,  
-62.3328

■ 210.4850, 20.9599,  
-49.5373

■ 221.7810, 15.3910,  
-36.6419

■ 232.1910, 10.2588,  
-23.8465

■ 243.1880, 4.8373,  
-11.5659

254.1850, -0.5842,  
0.7148

254.7720, -0.8736,  
0.2000

# Harmonies

## Analogous

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



161.8860, 29.1432, -107.7710



167.3720, 42.2146, -100.3042



182.9480, 35.5216, -53.4514

# Triad

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



167.3720, 42.2146, -100.3042



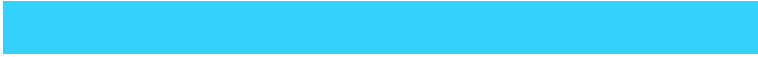
195.7690, 4.0579, 51.9456



187.7050, -32.8856, 1.1357

# Complementary

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



167.3720, 42.2146, -100.3042



138.6280, -42.2146, 100.3042

# 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.



191.5670, -36.7615, 31.0747



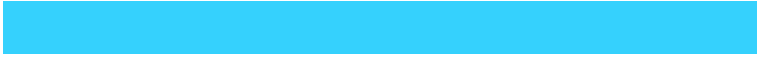
167.3720, 42.2146, -100.3042



192.0240, -12.8298, 55.2300

# Square

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



167.3720, 42.2146, -100.3042



198.5780, 20.4210, 30.1881



194.2460, -29.7013, 53.2813



182.6820, -18.0842, -33.0471



# Rectangle

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



167.3720, 42.2146, -100.3042



190.5220, 31.7877, -22.3828



194.2460, -29.7013, 53.2813



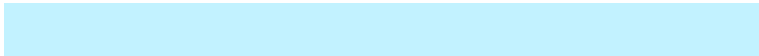
188.9020, -34.9547, 11.4869

# Sweetspot

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



167.3720, 42.2146, -100.3042



229.1300, 12.7539, -30.8090



175.3020, -39.0959, -107.2589



111.6540, 8.0586, -18.1136



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

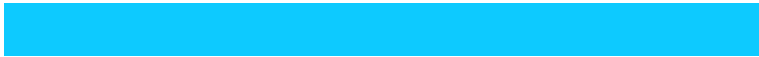


# Same Dimension

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



167.3720, 42.2146, -100.3042



151.5310, 51.0102, -121.4917



109.2590, 70.8643, -49.3391



122.3520, 2.7845, -6.4477



109.2370, 40.3092, -95.8008



36.6460, 13.4855, -32.1385



# Inverse Universe

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



130.5840, 38.6591, 107.3588



106.9040, 46.8823, 129.8802



196.7410, -70.8643, 49.3391



120.0270, 2.4517, 6.9923



74.0950, 36.9282, 102.5257

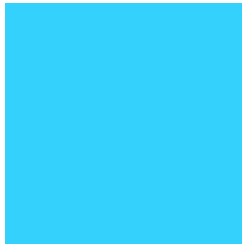


24.8360, 12.4059, 34.3468



# Previews

## White Background



This preview shows how the YUV color 167.3720, 42.2146, -100.3042 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

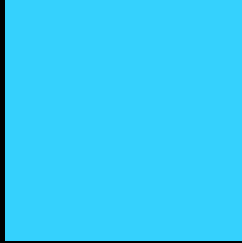
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 167.3720, 42.2146, -100.3042 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 167.3720, 42.2146, -100.3042 Background



This preview shows how black text looks on a background with the YUV color 167.3720, 42.2146, -100.3042.



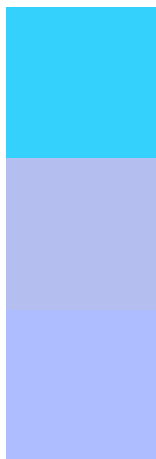
This preview shows how white text looks on a background with the YUV color 167.3720, 42.2146, -100.3042.



# 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

167.3720, 42.2146, -100.3042

### Protanopia

192.5960, 22.8772, -11.0467

### Deuteranopia

192.0390, 31.0398, -15.8202



## Tritanopia

157.8290, 35.5803, -119.1220

# Trichromacy



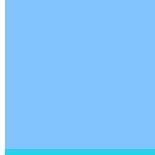
## Original Color

167.3720, 42.2146, -100.3042



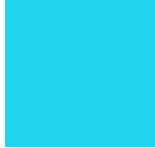
## Protanomaly

183.5210, 29.8161, -43.4299



## Deuteranomaly

182.8780, 35.0631, -46.3740



## Tritanomaly

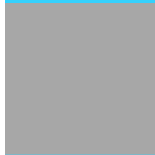
161.4430, 37.7426, -112.6445

# Monochromacy



## Original Color

167.3720, 42.2146, -100.3042



## Achromatopsia

167.0000, 0.0000, 0.0000



## Achromatomaly

167.0800, 15.2436, -36.0272

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.3720, 42.2146, -100.3042 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(53, 209, 253)` looks like.

```
.text, #text, p{  
    color:rgb(53, 209, 253)  
}
```

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(53, 209, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 209, 253) }
```

## Border

The CSS property to change the border of an element to YUV 167.3720, 42.2146, -100.3042 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(53, 209, 253) }
```



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

```
.border{ border-color:rgb(53, 209, 253) }
```

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

Here you see how a box with a 4 pixel rgb(53, 209, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 209, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 209, 253);  
box-shadow:4px 4px 4px 4px rgb(53, 209,  
253) }
```

# Background

The CSS property to change the background color of an element to YUV 167.3720, 42.2146, -100.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 209, 253) }
```

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

```
.background{ background-color: rgb(53, 209,  
253) }
```

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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