

# Converting Colors

YUV(147.6260, 47.0194,  
-101.4040)

Have a look what the booklet for  
YUV(147.6260, 47.0194, -101.4040)  
contains.

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# Color

**YUV(147.6260, 47.0194,  
-101.4040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20BCF3
RGB	32, 188, 243
RGB Percent	13%, 74%, 95%
CMY	0.8745, 0.2627, 0.0471
CMYK	0.87, 0.23, 0.00, 0.05
HSL	196°, 90%, 54%
HSV	196°, 87%, 95%
XYZ	34.7565, 42.7446, 91.2127
YIQ	147.6260, -110.6310, -15.9670

# Conversions

## Conversions Part 2

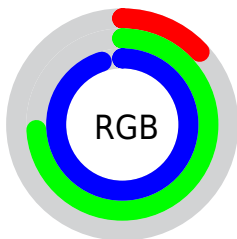
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	32, 122, 243
Decimal	2145523
CIE Lab	71.38, -19.09, -37.88
CIE LCh	71, 42.419, 243.248
Yxy	42.7446, 0.2060, 0.2534
Android (android.graphics.Color)	4280335603 (0xFF20BCF3)
YUV	147.6260, 47.0194, -101.4040
Hunter-Lab	65.3793, -19.5208, -36.9517

# Details

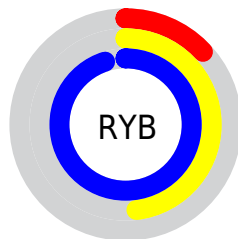
The YUV color **147.6260, 47.0194, -101.4040** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **127.3740, -47.0194, 101.4040**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5800, 23.3781, -78.5617**, and **100.5630, 42.6134, -88.1938** is the 20% darker color. If you saturate the color by 10%, you get **136.9280, 52.2935, -113.0699**, and if you desaturate by 10%, it is **158.3240, 41.7453, -89.7381**.

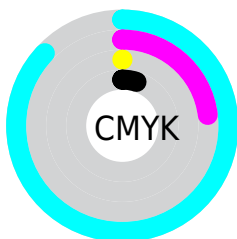
# Distribution



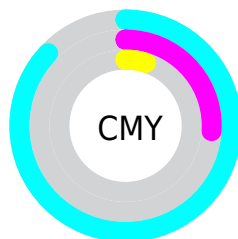
- Red (13%)
- Green (74%)
- Blue (95%)



- Red (13%)
- Yellow (48%)
- Blue (95%)



- Cyan (87%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (87%)
- Magenta (26%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.6260, 47.0194, -101.4040 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 147.6260, 47.0194, -101.4040 by changing the saturation by 10% instead.



■ 147.6260, 47.0194,  
-101.4040

■ 147.6260, 47.0194,  
-101.4040

■ 255.0000, 0.0000,  
0.0000

■ 118.9030, 46.8828,  
-104.2779

■ 207.5800, 23.3781,  
-78.5617

■ 100.5630, 42.6134,  
-88.1938

■ 223.9040, 15.3303,  
-63.9368

■ 82.1090, 37.9073,  
-72.0096

■ 233.4720, 10.6133,  
-44.2639

■ 65.0570, 33.4959,  
-57.0550

■ 243.0400, 5.8963,  
-24.5911

■ 48.7060, 29.2319,  
-42.7152

■ 252.3090, 1.3267,  
-5.5330

■ 32.9420, 24.6786,  
-28.8901

■ 15.6450, 21.8670,

-13.7207

■ 5.3920, 15.5827,  
-4.7288

■ 2.1830, 5.8258,  
-1.9145

■ 147.6260, 47.0194,  
-101.4040

■ 147.6260, 47.0194,  
-101.4040

■ 136.9280, 52.2935,  
-113.0699

■ 158.3240, 41.7453,  
-89.7381

■ 133.3620, 54.0515,  
-116.9585

■ 169.9080, 36.0344,  
-77.9723

■ 180.6060, 30.7602,  
-66.3065

■ 191.3040, 25.4861,  
-54.6406

■ 202.5890, 19.9226,  
-43.4896

■ 213.5860, 14.5011,  
-31.2089

■ 224.2840, 9.2270,  
-19.5431

■ 235.5690, 3.6635,  
-8.3920

■ 246.5660, -1.7580,  
3.8886

# Harmonies

## Analogous

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



138.5020, 38.2065, -121.4663



147.6260, 47.0194, -101.4040



169.4040, 40.7198, -40.6963

# Triad

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



147.6260, 47.0194, -101.4040



177.9890, -2.9526, 60.5226



167.2520, -29.2112, -10.7450

# Complementary

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



147.6260, 47.0194, -101.4040



127.3740, -47.0194, 101.4040

# 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.



171.3870, -37.1658, 20.7086



147.6260, 47.0194, -101.4040



176.0050, -20.7085, 62.2626

# Square

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



147.6260, 47.0194, -101.4040



179.8630, 14.8575, 41.3391



174.1760, -33.6108, 47.2036



160.5430, -10.6207, -46.9572



# Rectangle

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



147.6260, 47.0194, -101.4040



176.2940, 34.3651, -9.0278



174.1760, -33.6108, 47.2036



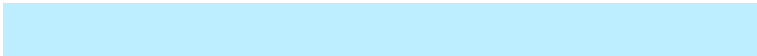
168.9930, -33.0275, 0.0061

# Sweetspot

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



147.6260, 47.0194, -101.4040



225.2870, 14.6485, -31.8237



161.8990, -37.9112, -113.9214



109.5830, 9.0796, -18.9283



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

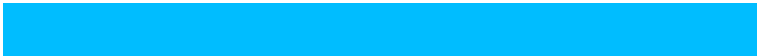


# Same Dimension

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



147.6260, 47.0194, -101.4040



140.0130, 56.6886, -122.7914



87.1650, 76.8267, -48.3797



116.6510, 2.6371, -5.8329



102.2100, 41.3085, -89.6382



31.9670, 13.3273, -28.0351



# Inverse Universe

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



112.8730, 37.0376, 114.1214



97.7910, 44.9660, 137.8723



187.8350, -76.8267, 48.3797



114.6140, 2.1623, 6.4775



71.3460, 32.8604, 100.5516

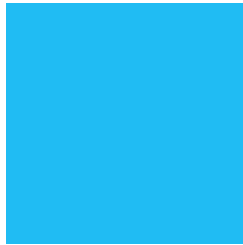


22.5430, 10.0853, 31.9728



# Previews

## White Background



This preview shows how the YUV color 147.6260, 47.0194, -101.4040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

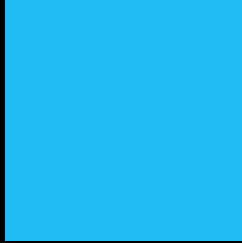
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 147.6260, 47.0194, -101.4040 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

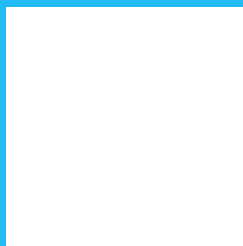
Any Text WCAG AAA ✓ Pass

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

# YUV 147.6260, 47.0194, -101.4040 Background



This preview shows how black text looks on a background with the YUV color 147.6260, 47.0194, -101.4040.



This preview shows how white text looks on a background with the YUV color 147.6260, 47.0194, -101.4040.



# 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

147.6260, 47.0194, -101.4040

### Protanopia

173.5400, 27.8348, -14.5056

### Deuteranopia

172.7760, 36.5924, -23.4826



## Tritanopia

137.0030, 35.0015, -120.1516

# Trichromacy



## Original Color

147.6260, 47.0194, -101.4040



## Protanomaly

164.1770, 34.9157, -45.7592



## Deuteranomaly

163.9250, 40.4630, -51.6772



## Tritanomaly

140.8990, 39.4898, -113.0444

# Monochromacy



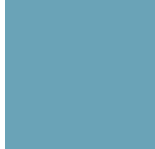
## Original Color

147.6260, 47.0194, -101.4040



## Achromatopsia

148.0000, 0.0000, 0.0000



## Achromatomaly

148.2370, 17.1382, -37.0418

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.6260, 47.0194, -101.4040 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(32, 188, 243)` looks like.

```
.text, #text, p{  
    color:rgb(32, 188, 243)  
}
```

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(32, 188, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 188, 243) }
```

## Border

The CSS property to change the border of an element to YUV 147.6260, 47.0194, -101.4040 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(32, 188, 243) }
```



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

```
.border{ border-color:rgb(32, 188, 243) }
```

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

Here you see how a box with a 4 pixel rgb(32, 188, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 188, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 188, 243);  
box-shadow:4px 4px 4px 4px rgb(32, 188,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 147.6260, 47.0194, -101.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 188, 243) }
```

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

```
.background{ background-color: rgb(32, 188,  
243) }
```

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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