

# Converting Colors

YUV(138.8910, 51.8187,  
-100.7594)

Have a look what the booklet for  
YUV(138.8910, 51.8187, -100.7594)  
contains.

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# Color

**YUV(138.8910, 51.8187,  
-100.7594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18B1F4
RGB	24, 177, 244
RGB Percent	9%, 69%, 96%
CMY	0.9059, 0.3059, 0.0431
CMYK	0.90, 0.27, 0.00, 0.04
HSL	198°, 91%, 53%
HSV	198°, 90%, 96%
XYZ	32.4280, 38.1701, 91.2464
YIQ	138.8910, -112.6950, -11.5990

# Conversions

## Conversions Part 2

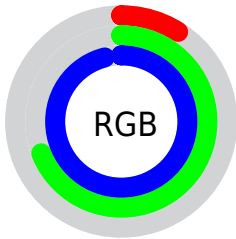
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 114, 244
Decimal	1618420
CIE Lab	68.15, -13.32, -43.48
CIE LCh	68, 45.475, 252.970
Yxy	38.1701, 0.2004, 0.2358
Android (android.graphics.Color)	4279808500 (0xFF18B1F4)
YUV	138.8910, 51.8187, -100.7594
Hunter-Lab	61.7820, -14.4278, -44.3186

# Details

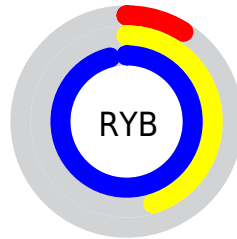
The YUV color **138.8910, 51.8187, -100.7594** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **129.1090, -51.8187, 100.7594**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2260, 27.0036, -74.7432**, and **94.6930, 45.5074, -83.0458** is the 20% darker color. If you saturate the color by 10%, you get **127.6060, 57.3822, -111.9105**, and if you desaturate by 10%, it is **150.1760, 46.2552, -89.6084**.

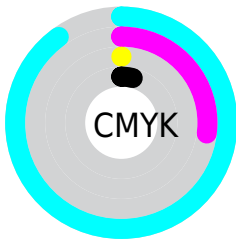
# Distribution



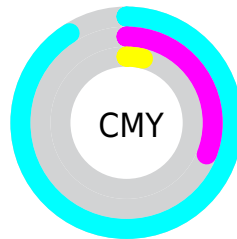
- Red (9%)
- Green (69%)
- Blue (96%)



- Red (9%)
- Yellow (45%)
- Blue (96%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (91%)
- Magenta (31%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.8910, 51.8187, -100.7594 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 138.8910, 51.8187, -100.7594 by changing the saturation by 10% instead.



■ 138.8910, 51.8187,  
-100.7594

■ 138.8910, 51.8187,  
-100.7594

■ 255.0000, 0.0000,  
0.0000

■ 112.5600, 50.5029,  
-98.7151

■ 200.2260, 27.0036,  
-74.7432

■ 94.6930, 45.5074,  
-83.0458

■ 223.0070, 15.7725,  
-65.7811

■ 76.9400, 40.9486,  
-67.4764

■ 232.5750, 11.0555,  
-46.1083

■ 59.8880, 36.5372,  
-52.5218

■ 242.1430, 6.3385,  
-26.4354

■ 43.4230, 31.8365,  
-38.0820

■ 251.4120, 1.7689,  
-7.3773

■ 28.8330, 26.7043,  
-25.2865

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,  
-4.7288

■ 2.1830, 5.8258,  
-1.9145

■ 138.8910, 51.8187,  
-100.7594

■ 138.8910, 51.8187,  
-100.7594

■ 127.6060, 57.3822,  
-111.9105

■ 150.1760, 46.2552,  
-89.6084

■ 162.3470, 40.2549,  
-78.3573

■ 173.6320, 34.6914,  
-67.2063

■ 185.8030, 28.6911,  
-55.9552

■ 197.0880, 23.1276,  
-44.8042

■ 208.9600, 17.2747,  
-34.1679

■ 220.5440, 11.5638,  
-22.4021

■ 231.8290, 6.0003,  
-11.2510

■ 244.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



133.7890, 42.9950, -117.3330



138.8910, 51.8187, -100.7594



163.7800, 40.5345, -27.8711

# Triad

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



138.8910, 51.8187, -100.7594



168.1270, -8.9366, 66.5406



155.7880, -25.5315, -24.3701

# Complementary

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



138.8910, 51.8187, -100.7594



129.1090, -51.8187, 100.7594

# 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.



160.8050, -37.8649, 11.5720



138.8910, 51.8187, -100.7594



166.0990, -26.6708, 61.3032

# Square

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



138.8910, 51.8187, -100.7594



170.3760, 10.1676, 52.2902



164.5790, -38.2464, 40.7112



145.8870, -2.4093, -67.4299



# Rectangle

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



138.8910, 51.8187, -100.7594



169.5130, 32.2851, 4.8121



164.5790, -38.2464, 40.7112



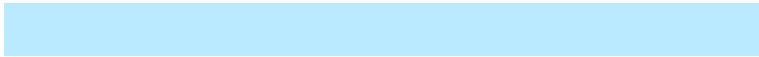
158.0840, -31.1004, -11.4747

# Sweetspot

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



138.8910, 51.8187, -100.7594



222.0420, 16.2483, -31.6088



160.6640, -34.8374, -119.8543



108.1100, 9.8058, -18.5135



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

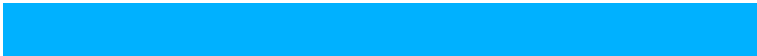


# Same Dimension

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



138.8910, 51.8187, -100.7594



132.9690, 60.1613, -116.6138



74.9080, 83.3624, -44.6463



116.6510, 2.6371, -5.8329



96.9270, 43.9130, -85.0050



30.7930, 13.9061, -27.0055



# Inverse Universe

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



107.2220, 34.4006, 119.9543



96.4230, 39.7245, 139.0720



193.0920, -83.3624, 44.6463



114.6140, 2.1623, 6.4775



70.3200, 28.9292, 101.4514

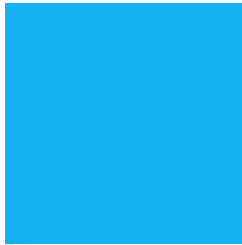


22.3150, 9.2117, 32.1727



# Previews

## White Background



This preview shows how the YUV color 138.8910, 51.8187, -100.7594 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

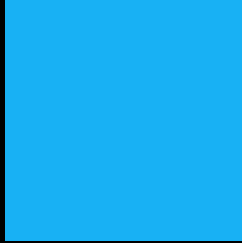
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.8910, 51.8187, -100.7594 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

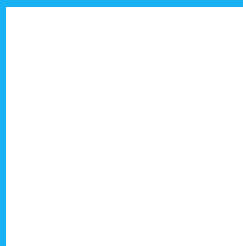
Any Text WCAG AAA ✓ Pass

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

# **YUV 138.8910, 51.8187, -100.7594 Background**



This preview shows how black text looks on a background with the YUV color 138.8910, 51.8187, -100.7594.



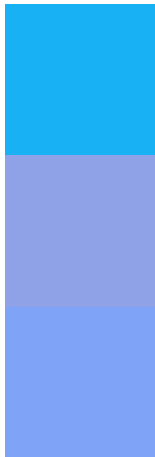
This preview shows how white text looks on a background with the YUV color 138.8910, 51.8187, -100.7594.



# 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

138.8910, 51.8187, -100.7594

### Protanopia

164.2990, 33.3766, -18.6792

### Deuteranopia

162.3990, 41.7083, -31.0449



## Tritanopia

129.8790, 33.0907, -113.9039

# Trichromacy



**Original Color**

138.8910, 51.8187, -100.7594

**Protanomaly**

154.8330, 40.0153, -48.0885

**Deuteranomaly**

154.1570, 45.2786, -56.2657

**Tritanomaly**

133.3340, 39.7683, -109.0409

# Monochromacy



**Original Color**

138.8910, 51.8187, -100.7594

**Achromatopsia**

139.0000, 0.0000, 0.0000

**Achromatomaly**

138.9920, 18.7379, -36.8270

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.8910, 51.8187, -100.7594 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(24, 177, 244)` looks like.

```
.text, #text, p{  
    color:rgb(24, 177, 244)  
}
```

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(24, 177, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 177, 244) }
```

## Border

The CSS property to change the border of an element to YUV 138.8910, 51.8187, -100.7594 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(24, 177, 244) }
```



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

```
.border{ border-color:rgb(24, 177, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 177, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 177, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 177, 244);  
box-shadow:4px 4px 4px 4px rgb(24, 177,  
244) }
```

# Background

The CSS property to change the background color of an element to YUV 138.8910, 51.8187, -100.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 177, 244) }
```

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

```
.background{ background-color: rgb(24, 177,  
244) }
```

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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