

# Converting Colors

YUV(188.3770, 18.0551,  
-51.1966)

Have a look what the booklet for  
YUV(188.3770, 18.0551, -51.1966)  
contains.

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# Color

**YUV(188.3770, 18.0551,  
-51.1966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82D3E1
RGB	130, 211, 225
RGB Percent	51%, 83%, 88%
CMY	0.4902, 0.1725, 0.1176
CMYK	0.42, 0.06, 0.00, 0.12
HSL	189°, 61%, 70%
HSV	189°, 42%, 88%
XYZ	46.0908, 56.7706, 79.7627
YIQ	188.3770, -52.7700, -12.8180

# Conversions

## Conversions Part 2

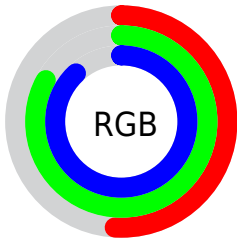
Format	Color
<a href="#">RYB</a>	<a href="#">130, 174, 225</a>
Decimal	<a href="#">8573921</a>
CIELab	<a href="#">80.05, -21.19, -14.69</a>
CIElCh	<a href="#">80, 25.782, 214.729</a>
Yxy	<a href="#">56.7706, 0.2524, 0.3109</a>
Android (android.graphics.Color)	<a href="#">4286764001</a> ( <a href="#">0xFF82D3E1</a> )
YUV	<a href="#">188.3770, 18.0551, -51.1966</a>
Hunter-Lab	<a href="#">75.3463, -22.6640, -10.0229</a>

# Details

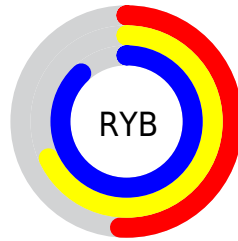
The YUV color **188.3770, 18.0551, -51.1966** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **166.6230, -18.0551, 51.1966**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **132.7790, 18.3500, -52.4262** is the 20% darker color. If you saturate the color by 10%, you get **179.7390, 22.3137, -63.7921**, and if you desaturate by 10%, it is **197.0150, 13.7966, -38.6012**.

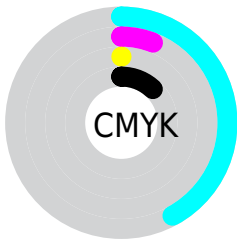
# Distribution



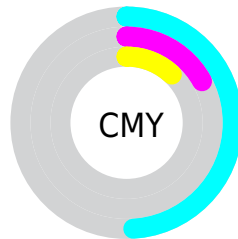
- Red (51%)
- Green (83%)
- Blue (88%)



- Red (51%)
- Yellow (68%)
- Blue (88%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (17%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.3770, 18.0551, -51.1966 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 188.3770, 18.0551, -51.1966 by changing the saturation by 10% instead.



188.3770, 18.0551,  
-51.1966

188.3770, 18.0551,  
-51.1966

255.0000, 0.0000,  
0.0000

160.3770, 18.0551,  
-51.1966

234.6680, 10.0237,  
-41.8048

132.7790, 18.3500,  
-52.4262

243.3390, 5.7489,  
-23.9763

105.1700, 18.6502,  
-55.4001

252.3090, 1.3267,  
-5.5330

75.0870, 21.1561,  
-65.8513

57.5620, 17.4709,  
-50.4819

41.3250, 13.6438,  
-36.2420

25.9030, 10.4008,

-22.7169

■ 4.2520, 11.2148,  
-3.7290

■ 0.0000, 0.0000,  
0.0000

■ 188.3770, 18.0551,  
-51.1966

■ 188.3770, 18.0551,  
-51.1966

■ 179.7390, 22.3137,  
-63.7921

■ 197.0150, 13.7966,  
-38.6012

■ 170.8130, 26.7142,  
-75.2580

■ 205.9410, 9.3961,  
-27.1353

■ 162.1750, 30.9727,  
-87.8535

■ 214.2800, 5.2850,  
-15.1546

■ 153.8360, 35.0839,  
-99.8342

■ 222.9180, 1.0264,  
-2.5591

■ 144.6110, 39.6318,  
-111.9148

■ 232.1430, -3.5215,  
9.5216

■ 138.3540, 42.7165,  
-121.3365

■ 237.4920, -6.1586,  
15.3545

■ 239.2530, -7.0267,  
13.8101

■ 241.6010, -8.1843,  
11.7509

■ 243.3620, -9.0525,  
10.2065

# Harmonies

## Analogous

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



188.4350, 6.6875, -45.1085



188.3770, 18.0551, -51.1966



192.3380, 23.9904, -41.5154

# Triad

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



188.3770, 18.0551, -51.1966



202.7550, 8.5018, 26.5249



197.1270, -22.7406, 13.9206

# Complementary

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



188.3770, 18.0551, -51.1966



166.6230, -18.0551, 51.1966

# 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.



199.2800, -21.3370, 30.4494



188.3770, 18.0551, -51.1966



202.0310, -3.4663, 38.5608

# Square

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



188.3770, 18.0551, -51.1966



201.1420, 18.1710, 5.1375



201.1700, -14.3808, 39.3159



194.0750, -17.2920, -7.0818

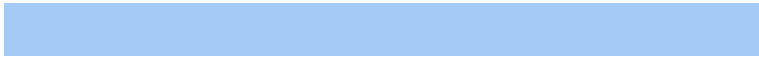


# Rectangle

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



188.3770, 18.0551, -51.1966



195.6540, 24.8206, -27.7606



201.1700, -14.3808, 39.3159



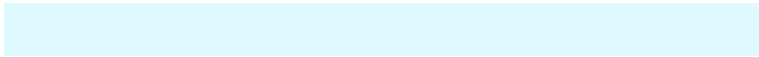
197.7580, -23.0517, 20.3832

# Sweetspot

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



188.3770, 18.0551, -51.1966



242.1980, 6.3114, -17.7136



187.2470, -21.8138, -50.2056



119.3730, 4.2531, -10.8511



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

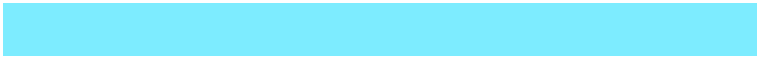


# Same Dimension

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



188.3770, 18.0551, -51.1966



204.9770, 24.6613, -70.1398



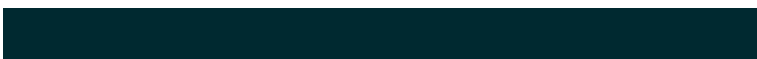
161.3750, 31.3671, -27.5159



108.1240, 1.9109, -6.2477



108.1140, 33.4678, -94.8160



29.5390, 9.1013, -25.9057



# Inverse Universe

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



167.6390, 21.3770, 50.3056



176.5240, 29.3217, 68.8235



193.6250, -31.3671, 27.5159



105.4290, 2.7465, 5.7628



69.7240, 39.5761, 93.2041

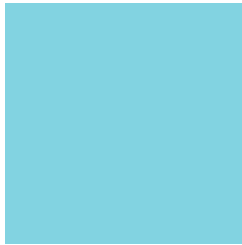


19.0260, 10.8332, 25.4102



# Previews

## White Background



This preview shows how the YUV color 188.3770, 18.0551, -51.1966 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

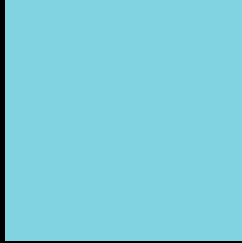
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.3770, 18.0551, -51.1966 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

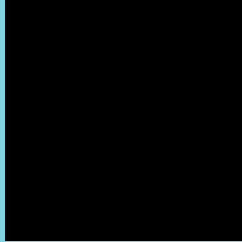
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.3770, 18.0551, -51.1966

## Background



This preview shows how black text looks on a background with the YUV color 188.3770, 18.0551, -51.1966.



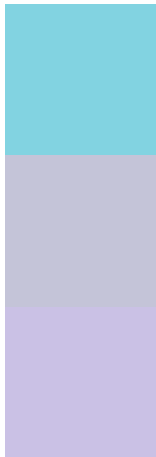
This preview shows how white text looks on a background with the YUV color 188.3770, 18.0551, -51.1966.

-51.1966.

# 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

188.3770, 18.0551, -51.1966

### Protanopia

198.2800, 8.7360, -1.9996

### Deuteranopia

199.7950, 14.3981, 1.9338



## Tritanopia

189.0180, 19.2181, -50.8818

# Trichromacy



**Original Color**

188.3770, 18.0551, -51.1966

**Protanomaly**

194.3810, 12.1372, -19.6281

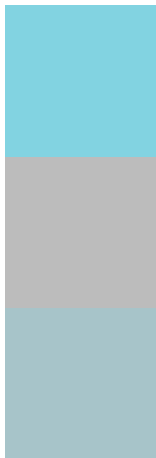
**Deuteranomaly**

196.0160, 15.7681, -17.5540

**Tritanomaly**

188.9040, 18.7813, -50.7818

# Monochromacy



**Original Color**

188.3770, 18.0551, -51.1966

**Achromatopsia**

188.0000, 0.0000, 0.0000

**Achromatomaly**

187.8990, 6.4588, -18.3284

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.3770, 18.0551, -51.1966 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(130, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(130, 211, 225)  
}
```

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(130, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 211, 225) }
```

## Border

The CSS property to change the border of an element to YUV 188.3770, 18.0551, -51.1966 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(130, 211, 225) }
```



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

```
.border{ border-color:rgb(130, 211, 225) }
```

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

Here you see how a box with a 4 pixel rgb(130, 211, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 211, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 211, 225);  
box-shadow:4px 4px 4px 4px rgb(130, 211,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 188.3770, 18.0551, -51.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 211, 225) }
```

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

```
.background{ background-color: rgb(130,  
211, 225) }
```

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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