

Converting Colors

YUV(151.3840, 27.4187,
-67.8658)

Have a look what the booklet for
YUV(151.3840, 27.4187, -67.8658)
contains.

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Color

**YUV(151.3840, 27.4187,
-67.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB4CF
RGB	74, 180, 207
RGB Percent	29%, 71%, 81%
CMY	0.7098, 0.2941, 0.1882
CMYK	0.64, 0.13, 0.00, 0.19
HSL	192°, 58%, 55%
HSV	192°, 64%, 81%
XYZ	30.4078, 38.6034, 64.8800
YIQ	151.3840, -71.8430, -14.0750

Conversions

Conversions Part 2

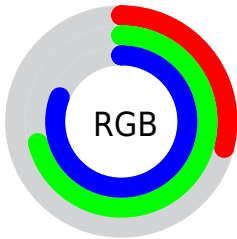
Format	Color
RYB	74, 133, 207
Decimal	4895951
CIELab	68.46, -22.10, -22.67
CIELCh	68, 31.659, 225.737
Yxy	38.6034, 0.2271, 0.2883
Android (android.graphics.Color)	4283086031 (0xFF4AB4CF)
YUV	151.3840, 27.4187, -67.8658
Hunter-Lab	62.1316, -21.3707, -18.4206

Details

The YUV color **151.3840, 27.4187, -67.8658** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **129.6160, -27.4187, 67.8658**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2660, 23.0399, -63.3773**, and **91.9910, 30.0774, -80.6761** is the 20% darker color. If you saturate the color by 10%, you get **142.7570, 31.6718, -78.7169**, and if you desaturate by 10%, it is **160.0110, 23.1656, -57.0146**.

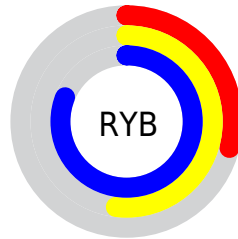
Distribution



Red (29%)

Green (71%)

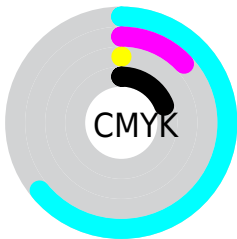
Blue (81%)



Red (29%)

Yellow (52%)

Blue (81%)

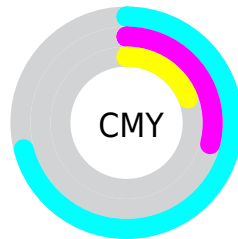


Cyan (64%)

Magenta (13%)

Yellow (0%)

Black (19%)



Cyan (71%)

Magenta (29%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3840, 27.4187, -67.8658 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 151.3840, 27.4187, -67.8658 by changing the saturation by 10% instead.

151.3840, 27.4187,
-67.8658

151.3840, 27.4187,
-67.8658

255.0000, 0.0000,
0.0000

120.9810, 28.6034,
-74.5283

208.2660, 23.0399,
-63.3773

91.9910, 30.0774,
-80.6761

228.3890, 13.1192,
-54.7152

74.3520, 25.9555,
-65.2067

237.0600, 8.8444,
-36.8866

57.4140, 21.9809,
-50.3521

246.0300, 4.4222,
-18.4433

40.4760, 18.0063,
-35.4975

26.1140, 13.7478,
-22.9020

4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 151.3840, 27.4187,
-67.8658

■ 151.3840, 27.4187,
-67.8658

■ 142.7570, 31.6718,
-78.7169

■ 160.0110, 23.1656,
-57.0146

■ 134.4290, 35.7775,
-88.9532

■ 168.3390, 19.0599,
-46.7783

■ 125.2150, 40.3200,
-99.2896

■ 177.5530, 14.5174,
-36.4420

■ 120.4530, 42.6677,
-105.6373

■ 186.1800, 10.2643,
-25.5909

■ 194.8070, 6.0111,
-14.7397

■ 203.1350, 1.9054,
-4.5034

■ 211.7620, -2.3477,
6.3477

■ 220.9760, -6.8902,
16.6840

■ 227.8090,
-10.2588, 23.8465

Harmonies

Analogous

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



150.7790, 14.8990, -65.5812



151.3840, 27.4187, -67.8658



159.7380, 30.6952, -45.3742

Triad

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



151.3840, 27.4187, -67.8658



171.3220, 5.2643, 38.3056



163.5730, -25.9185, 6.5135

Complementary

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



151.3840, 27.4187, -67.8658



129.6160, -27.4187, 67.8658

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.



166.1890, -26.7152, 28.7752



151.3840, 27.4187, -67.8658



170.1200, -8.4402, 47.2528

Square

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



151.3840, 27.4187, -67.8658



170.5070, 17.9910, 16.2184



168.2970, -20.3594, 43.5895



159.8240, -16.6752, -18.2626

Rectangle

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



151.3840, 27.4187, -67.8658



165.1150, 29.0303, -24.6569



168.2970, -20.3594, 43.5895



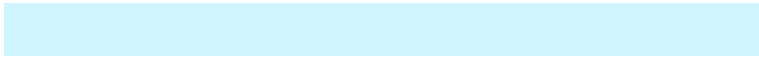
164.6880, -26.9612, 14.3056

Sweetspot

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



151.3840, 27.4187, -67.8658



234.7780, 9.9694, -24.3613



155.1490, -26.6955, -71.1677



115.5080, 6.1586, -15.3545



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.



151.3840, 27.4187, -67.8658



172.9160, 40.4674, -99.9043



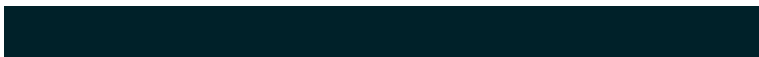
112.6420, 46.5185, -33.8890



99.9500, 2.4897, -5.2181



97.8100, 34.6037, -85.7794



24.0450, 8.3588, -21.0875

Inverse Universe

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



125.8510, 26.6955, 71.1677



135.3880, 39.2487, 104.8997



168.3580, -46.5185, 33.8890



98.2010, 1.8729, 5.9627



65.5080, 33.7666, 89.8855



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 151.3840, 27.4187, -67.8658 looks on a white background.

Color Contrast Check

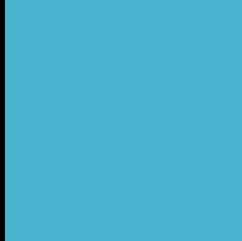
Large Text (above 18pt) WCAG AA × Fail

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 151.3840, 27.4187, -67.8658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

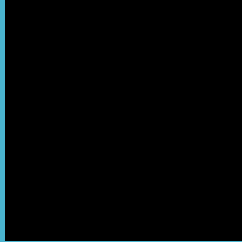
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.3840, 27.4187, -67.8658

Background



This preview shows how black text looks on a background with the YUV color 151.3840, 27.4187, -67.8658.



This preview shows how white text looks on a background with the YUV color 151.3840, 27.4187, -67.8658.

-67.8658.

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

151.3840, 27.4187, -67.8658

Protanopia

166.1530, 14.7146, -6.2732

Deuteranopia

166.9770, 21.7033, -7.8728



Tritanopia

149.9230, 23.2090, -70.9695

Trichromacy



Original Color

151.3840, 27.4187, -67.8658

Protanomaly

160.8620, 19.2950, -28.8200

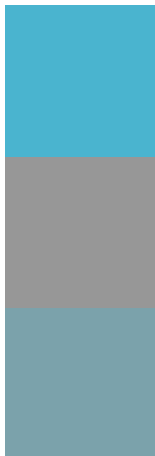
Deuteranomaly

161.1160, 24.0998, -29.9197

Tritanomaly

150.3900, 24.9507, -69.6250

Monochromacy



Original Color

151.3840, 27.4187, -67.8658

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.3650, 9.6801, -24.8761

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3840, 27.4187, -67.8658 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(74, 180, 207)` looks like.

```
.text, #text, p{  
    color:rgb(74, 180, 207)  
}
```

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(74, 180, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 180, 207) }
```

Border

The CSS property to change the border of an element to YUV 151.3840, 27.4187, -67.8658 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(74, 180, 207) }
```


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

```
.border{ border-color:rgb(74, 180, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 180, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 180, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 180, 207);  
box-shadow:4px 4px 4px 4px rgb(74, 180,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 151.3840, 27.4187, -67.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 180, 207) }
```

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

```
.background{ background-color: rgb(74, 180,  
207) }
```

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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