

# Converting Colors

YUV(183.2290, 32.4251,  
-87.0238)

Have a look what the booklet for  
YUV(183.2290, 32.4251, -87.0238)  
contains.

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# Color

**YUV(183.2290, 32.4251,  
-87.0238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54DDF9
RGB	84, 221, 249
RGB Percent	33%, 87%, 98%
CMY	0.6706, 0.1333, 0.0235
CMYK	0.66, 0.11, 0.00, 0.02
HSL	190°, 93%, 65%
HSV	190°, 66%, 98%
XYZ	46.6115, 60.4373, 98.8314
YIQ	183.2290, -90.6400, -20.3360

# Conversions

## Conversions Part 2

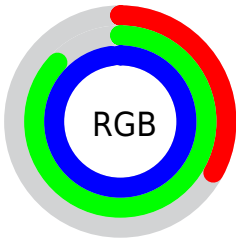
Format	Color
<a href="#">RYB</a>	84, 159, 249
Decimal	5561849
CIELab	82.08, -28.44, -24.55
CIElCh	82, 37.573, 220.799
Yxy	60.4373, 0.2264, 0.2936
Android (android.graphics.Color)	4283751929 (0xFF54DDF9)
YUV	183.2290, 32.4251, -87.0238
Hunter-Lab	77.7414, -29.0241, -20.9554

# Details

The YUV color **183.2290, 32.4251, -87.0238** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **149.7710, -32.4251, 87.0238**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **119.4440, 36.2631, -104.7524** is the 20% darker color. If you saturate the color by 10%, you get **173.4060, 37.2678, -100.3341**, and if you desaturate by 10%, it is **193.0520, 27.5824, -73.7136**.

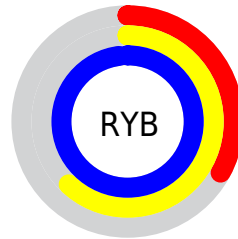
# Distribution



Red (33%)

Green (87%)

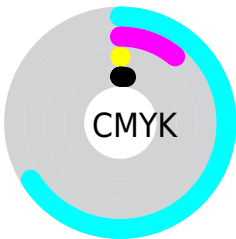
Blue (98%)



Red (33%)

Yellow (62%)

Blue (98%)

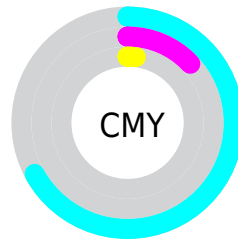


Cyan (66%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (67%)

Magenta (13%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.2290, 32.4251, -87.0238 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 183.2290, 32.4251, -87.0238 by changing the saturation by 10% instead.



183.2290, 32.4251,  
-87.0238

183.2290, 32.4251,  
-87.0238

255.0000, 0.0000,  
0.0000

150.6300, 34.1994,  
-96.1455

223.6050, 15.4777,  
-64.5516

119.4440, 36.2631,  
-104.7524

233.1730, 10.7607,  
-44.8787

100.4030, 31.8463,  
-88.0534

242.4420, 6.1911,  
-25.8206

82.1770, 28.0137,  
-72.0692

251.7110, 1.6215,  
-6.7625

64.5380, 23.8918,  
-56.5998

48.3010, 20.0646,  
-42.3600

32.0640, 16.2374,

-28.1201

■ 14.2940, 14.1521,  
-12.5358

■ 3.0950, 9.3202,  
-2.7143

■ 183.2290, 32.4251,  
-87.0238

■ 183.2290, 32.4251,  
-87.0238

■ 173.4060, 37.2678,  
-100.3341

■ 193.0520, 27.5824,  
-73.7136

■ 163.5830, 42.1106,  
-113.6443

■ 202.8750, 22.7396,  
-60.4034

■ 153.1730, 47.2427,  
-126.4397

■ 213.2850, 17.6075,  
-47.6079

■ 149.8950, 48.8588,  
-131.4579

■ 223.1080, 12.7648,  
-34.2977

■ 232.9310, 7.9220,  
-20.9875

■ 242.4550, 3.2267,  
-8.2920

■ 251.9680, -1.4632,  
2.6591

■ 254.3160, -2.6208,  
0.5999

# Harmonies

## Analogous

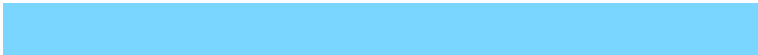
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



183.9300, 15.8105, -77.9916



183.2290, 32.4251, -87.0238



191.1660, 31.4702, -60.6586

# Triad

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



183.2290, 32.4251, -87.0238



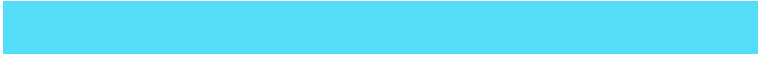
207.8970, 9.9108, 41.3093



200.7820, -32.9235, 13.3462

# Complementary

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



183.2290, 32.4251, -87.0238



149.7710, -32.4251, 87.0238

# 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.



203.7620, -32.4207, 38.7967



183.2290, 32.4251, -87.0238



202.0320, -4.9458, 46.4529

# Square

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



183.2290, 32.4251, -87.0238



207.8750, 23.2326, 15.0186



201.9060, -20.6597, 46.5634



196.8150, -23.0798, -17.3778

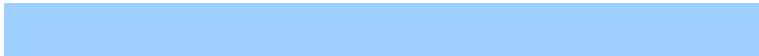


# Rectangle

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



183.2290, 32.4251, -87.0238



197.8210, 28.1892, -34.9230



201.9060, -20.6597, 46.5634



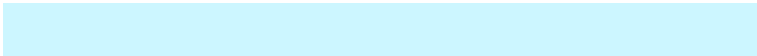
201.6090, -33.8242, 22.2679

# Sweetspot

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



183.2290, 32.4251, -87.0238



234.4680, 10.1223, -26.7204



184.0470, -35.5192, -87.7412



115.2090, 6.3060, -15.9693



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.



183.2290, 32.4251, -87.0238



173.4590, 40.1997, -107.3965



135.0950, 56.1552, -44.8103



119.9390, 2.4951, -6.9625



113.7050, 37.1204, -99.7193



36.8910, 11.8857, -32.3534



# Inverse Universe

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



148.9530, 35.5192, 87.7412



131.2620, 43.7478, 108.5182



197.9050, -56.1552, 44.8103



117.1410, 2.8885, 6.8923



74.4090, 40.7174, 100.4963

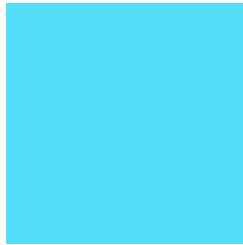


24.0530, 13.2849, 32.4025



# Previews

## White Background



This preview shows how the YUV color 183.2290, 32.4251, -87.0238 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

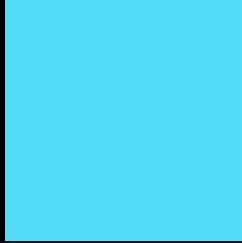
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.2290, 32.4251, -87.0238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

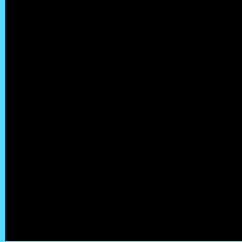
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 183.2290, 32.4251, -87.0238

## Background



This preview shows how black text looks on a background with the YUV color 183.2290, 32.4251, -87.0238.



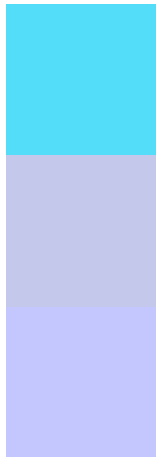
This preview shows how white text looks on a background with the YUV color 183.2290, 32.4251, -87.0238.

-87.0238.

# 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

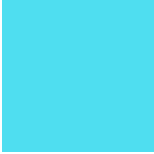
183.2290, 32.4251, -87.0238

### Protanopia

203.3810, 15.5882, -6.4731

### Deuteranopia

204.3730, 24.4661, -7.3431



## **Tritanopia**

181.2950, 28.9416, -89.7127

# Trichromacy



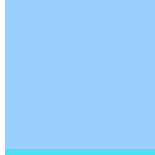
## Original Color

183.2290, 32.4251, -87.0238



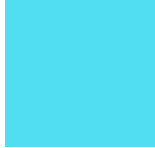
## Protanomaly

195.8010, 21.7901, -35.7825



## Deuteranomaly

196.5820, 27.3211, -36.4674



## Tritanomaly

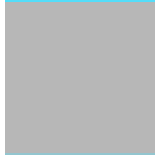
182.2350, 29.9571, -88.7831

# Monochromacy



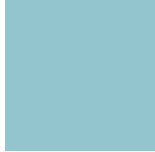
## Original Color

183.2290, 32.4251, -87.0238



## Achromatopsia

183.0000, 0.0000, 0.0000



## Achromatomaly

183.1900, 11.7383, -31.7386

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.2290, 32.4251, -87.0238 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(84, 221, 249)` looks like.

```
.text, #text, p{  
    color:rgb(84, 221, 249)  
}
```

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(84, 221, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 221, 249) }
```

## Border

The CSS property to change the border of an element to YUV 183.2290, 32.4251, -87.0238 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(84, 221, 249) }
```



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

```
.border{ border-color:rgb(84, 221, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 221, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 221, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 221, 249);  
box-shadow:4px 4px 4px 4px rgb(84, 221,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 183.2290, 32.4251, -87.0238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 221, 249) }
```

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

```
.background{ background-color: rgb(84, 221,  
249) }
```

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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