

# Converting Colors

YUV(183.1200, 30.9998,  
-96.5752)

Have a look what the booklet for  
YUV(183.1200, 30.9998, -96.5752)  
contains.

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# Color

**YUV(183.1200, 30.9998,  
-96.5752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49E3F6
RGB	73, 227, 246
RGB Percent	29%, 89%, 96%
CMY	0.7137, 0.1098, 0.0353
CMYK	0.70, 0.08, 0.00, 0.04
HSL	187°, 91%, 63%
HSV	187°, 70%, 96%
XYZ	46.8513, 63.0085, 96.8813
YIQ	183.1200, -97.8830, -26.7390

# Conversions

## Conversions Part 2

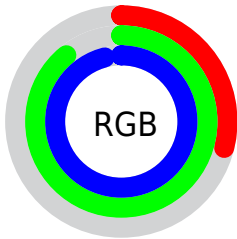
Format	Color
<a href="#">RYB</a>	<a href="#">73, 154, 246</a>
Decimal	<a href="#">4842486</a>
CIELab	<a href="#">83.45, -33.68, -20.90</a>
CIELCh	<a href="#">83, 39.640, 211.826</a>
Yxy	<a href="#">63.0085, 0.2266, 0.3048</a>
Android (android.graphics.Color)	<a href="#">4283032566</a> ( <a href="#">0xFF49E3F6</a> )
YUV	<a href="#">183.1200, 30.9998, -96.5752</a>
Hunter-Lab	<a href="#">79.3779, -33.5550, -16.7994</a>

# Details

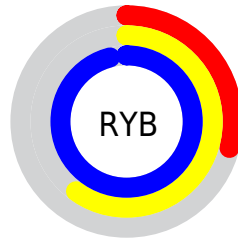
The YUV color **183.1200, 30.9998, -96.5752** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **135.8800, -30.9998, 96.5752**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **122.0370, 33.5058, -107.0264** is the 20% darker color. If you saturate the color by 10%, you get **173.8840, 35.5532, -110.4003**, and if you desaturate by 10%, it is **192.3560, 26.4465, -82.7502**.

# Distribution



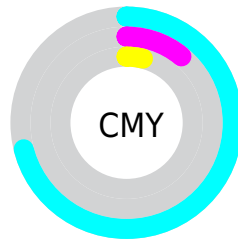
- Red (29%)
- Green (89%)
- Blue (96%)



- Red (29%)
- Yellow (60%)
- Blue (96%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (71%)
- Magenta (11%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.1200, 30.9998, -96.5752 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 183.1200, 30.9998, -96.5752 by changing the saturation by 10% instead.



183.1200, 30.9998,  
-96.5752

183.1200, 30.9998,  
-96.5752

255.0000, 0.0000,  
0.0000

145.8510, 35.5695,  
-115.6333

221.5120, 16.5096,  
-68.8550

122.0370, 33.5058,  
-107.0264

231.0800, 11.7926,  
-49.1822

103.1100, 29.5258,  
-90.4275

240.3490, 7.2229,  
-30.1241

84.7700, 25.2564,  
-74.3433

249.9170, 2.5059,  
-10.4512

67.2450, 21.5712,  
-58.9739

50.4210, 18.0334,  
-44.2192

34.1840, 14.2063,

-29.9794

■ 17.5880, 11.5421,  
-15.4247

■ 2.8670, 8.4466,  
-2.5144

■ 183.1200, 30.9998,  
-96.5752

■ 183.1200, 30.9998,  
-96.5752

■ 173.8840, 35.5532,  
-110.4003

■ 192.3560, 26.4465,  
-82.7502

■ 165.5340, 39.6697,  
-124.1253

■ 200.7060, 22.3299,  
-69.0252

■ 156.5970, 44.0757,  
-137.3356

■ 209.9420, 17.7766,  
-55.2001

■ 218.8790, 13.3707,  
-41.9899

■ 228.1150, 8.8173,  
-28.1649

■ 236.7640, 4.5533,  
-13.8250

■ 245.7010, 0.1474,  
-0.6148

■ 250.4520, -2.1948,  
3.9886

■ 251.6260, -2.7736,  
2.9590

# Harmonies

## Analogous

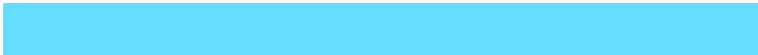
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188.1600, 10.2741, -75.5623



183.1200, 30.9998, -96.5752



189.2950, 32.3926, -76.5577

# Triad

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



183.1200, 30.9998, -96.5752



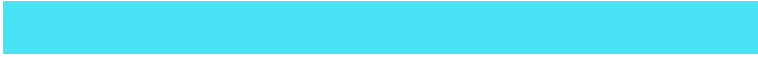
212.6560, 15.4526, 37.1357



205.1530, -35.5714, 22.6678

# Complementary

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



183.1200, 30.9998, -96.5752



135.8800, -30.9998, 96.5752

# 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.



206.4250, -31.2685, 42.6003



183.1200, 30.9998, -96.5752



204.9160, 1.0274, 43.9237

# Square

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



183.1200, 30.9998, -96.5752



209.2930, 22.5336, 5.8820



203.0460, -16.2917, 45.5637



201.0890, -28.6379, -7.9711

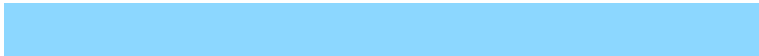


# Rectangle

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



183.1200, 30.9998, -96.5752



197.1350, 28.5274, -50.1074



203.0460, -16.2917, 45.5637



206.5070, -35.7460, 32.0044

# Sweetspot

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



183.1200, 30.9998, -96.5752



235.3320, 9.6963, -30.1092



176.4890, -42.6391, -90.7599



116.0840, 5.8746, -17.6137



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

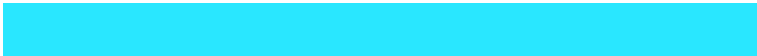


# Same Dimension

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



183.1200, 30.9998, -96.5752



176.9260, 38.4905, -119.2071



133.2250, 55.5981, -52.8173



117.8250, 2.0583, -6.8625



118.6460, 33.2055, -104.0525



37.2500, 10.7227, -32.6683



# Inverse Universe

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



142.2830, 41.7655, 90.9598



126.6460, 51.4465, 112.5665



185.7750, -55.5981, 52.8173



114.8420, 3.0359, 6.2776



74.5380, 45.0908, 97.7522

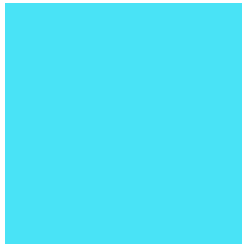


23.5690, 14.0165, 31.0730



# Previews

## White Background



This preview shows how the YUV color 183.1200, 30.9998, -96.5752 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

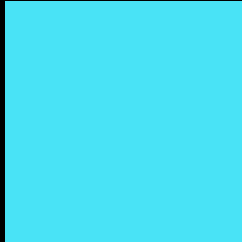
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.1200, 30.9998, -96.5752 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 183.1200, 30.9998, -96.5752 Background



This preview shows how black text looks on a background with the YUV color 183.1200, 30.9998, -96.5752.



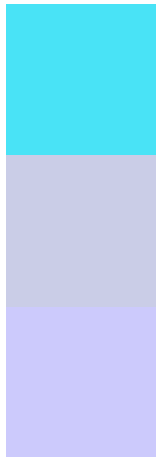
This preview shows how white text looks on a background with the YUV color 183.1200, 30.9998, -96.5752.

-96.5752.

# 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

183.1200, 30.9998, -96.5752

### Protanopia

207.0670, 11.7990, -4.4438

### Deuteranopia

208.2980, 21.5451, -3.7693



**Tritanopia**

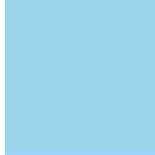
183.1200, 30.9998, -96.5752

# Trichromacy



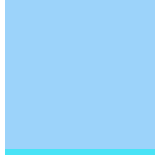
## Original Color

183.1200, 30.9998, -96.5752



## Protanomaly

198.2800, 18.5960, -37.9566



## Deuteranomaly

199.0010, 25.1425, -37.7119



## Tritanomaly

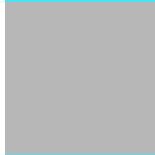
183.1200, 30.9998, -96.5752

# Monochromacy



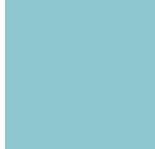
## Original Color

183.1200, 30.9998, -96.5752



## Achromatopsia

183.0000, 0.0000, 0.0000



## Achromatomaly

183.0540, 11.3124, -35.1274

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.1200, 30.9998, -96.5752 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(73, 227, 246)` looks like.

```
.text, #text, p{  
  color:rgb(73, 227, 246)  
}
```

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(73, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 227, 246) }
```

## Border

The CSS property to change the border of an element to YUV 183.1200, 30.9998, -96.5752 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(73, 227, 246) }
```



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

```
.border{ border-color:rgb(73, 227, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 227, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(73, 227,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 183.1200, 30.9998, -96.5752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 227, 246) }
```

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

```
.background{ background-color: rgb(73, 227,  
246) }
```

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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