

# Converting Colors

YUV(187.1670, 23.0887,  
-79.0765)

Have a look what the booklet for  
YUV(187.1670, 23.0887, -79.0765)  
contains.

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# Color

**YUV(187.1670, 23.0887,  
-79.0765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E0EA
RGB	97, 224, 234
RGB Percent	38%, 88%, 92%
CMY	0.6196, 0.1216, 0.0824
CMYK	0.59, 0.04, 0.00, 0.08
HSL	184°, 77%, 65%
HSV	184°, 59%, 92%
XYZ	46.4367, 61.7932, 87.3217
YIQ	187.1670, -78.9020, -23.8140

# Conversions

## Conversions Part 2

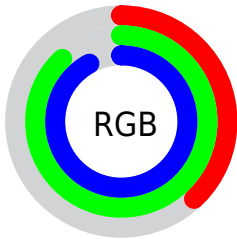
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 163, 234
Decimal	6414570
CIE <sub>Lab</sub>	82.80, -32.07, -15.47
CIE <sub>LCh</sub>	83, 35.609, 205.743
Yxy	61.7932, 0.2375, 0.3160
Android (android.graphics.Color)	4284604650 (0xFF61E0EA)
YUV	187.1670, 23.0887, -79.0765
Hunter-Lab	78.6087, -32.1194, -10.8357

# Details

The YUV color **187.1670, 23.0887, -79.0765** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.8330, -23.0887, 79.0765**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2960, 14.1511, -59.0186**, and **118.9080, 29.1324, -104.2823** is the 20% darker color. If you saturate the color by 10%, you get **179.1160, 27.0578, -92.1867**, and if you desaturate by 10%, it is **195.2180, 19.1195, -65.9662**.

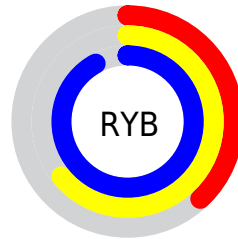
# Distribution



Red (38%)

Green (88%)

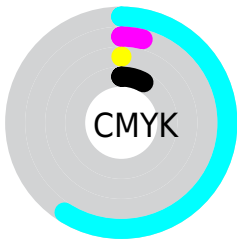
Blue (92%)



Red (38%)

Yellow (64%)

Blue (92%)

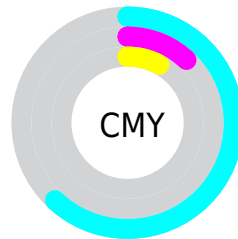


Cyan (59%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (62%)

Magenta (12%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.1670, 23.0887, -79.0765 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 187.1670, 23.0887, -79.0765 by changing the saturation by 10% instead.



187.1670, 23.0887,  
-79.0765

187.1670, 23.0887,  
-79.0765

255.0000, 0.0000,  
0.0000

157.0740, 24.1205,  
-83.3799

226.2960, 14.1511,  
-59.0186

118.9080, 29.1324,  
-104.2823

235.5650, 9.5815,  
-39.9605

100.6820, 25.2998,  
-88.2981

244.5350, 5.1592,  
-21.5172

82.4560, 21.4672,  
-72.3139

253.8040, 0.5896,  
-2.4591

64.9310, 17.7820,  
-56.9445

47.5200, 14.5336,  
-41.6750

31.9840, 10.8539,

-28.0500

■ 14.9150, 8.9159,  
-13.0805

■ 0.7980, 3.0576,  
-0.6998

■ 187.1670, 23.0887,  
-79.0765

■ 187.1670, 23.0887,  
-79.0765

■ 179.1160, 27.0578,  
-92.1867

■ 195.2180, 19.1195,  
-65.9662

■ 171.3530, 30.8850,  
-106.4266

■ 202.9810, 15.2924,  
-51.7263

■ 163.3020, 34.8541,  
-119.5369

■ 211.0320, 11.3232,  
-38.6161

■ 154.9520, 38.9707,  
-133.2619

■ 219.3820, 7.2067,  
-24.8910

■ 154.0550, 39.4129,  
-135.1062

■ 227.4330, 3.2375,  
-11.7807

■ 234.8970, -0.4422,  
1.8443

■ 241.4530, -3.6743,  
11.8807

■ 242.6270, -4.2531,  
10.8511

■ 243.2140, -4.5425,  
10.3363

# Harmonies

## Analogous

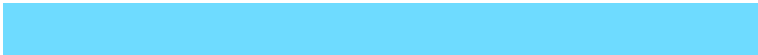
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190.7660, 4.5524, -60.3078



187.1670, 23.0887, -79.0765



190.5130, 31.7921, -70.6099

# Triad

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



187.1670, 23.0887, -79.0765



211.1280, 16.2059, 28.8287



204.3860, -32.2353, 25.9715

# Complementary

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



187.1670, 23.0887, -79.0765



143.8330, -23.0887, 79.0765

# 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.



205.6900, -26.4692, 43.2449



187.1670, 23.0887, -79.0765



206.6600, 2.6326, 42.3942

# Square

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



187.1670, 23.0887, -79.0765



206.8790, 23.7237, -2.5249



204.0720, -12.3605, 44.6639



201.0620, -27.6386, -1.8084

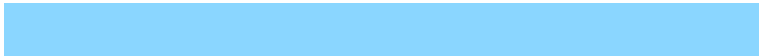


# Rectangle

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



187.1670, 23.0887, -79.0765



195.9500, 29.1117, -50.8221



204.0720, -12.3605, 44.6639



205.9570, -31.5308, 33.3637

# Sweetspot

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



187.1670, 23.0887, -79.0765



239.4850, 7.6489, -26.7353



178.4450, -35.7154, -71.4273



117.5680, 5.1430, -16.2841



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.



187.1670, 23.0887, -79.0765



194.1470, 30.0005, -102.7379



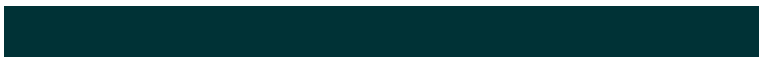
147.2510, 42.7673, -44.0701



113.1240, 1.9109, -6.2477



119.2500, 30.4428, -104.5823



35.5060, 9.1175, -31.1388



# Inverse Universe

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



152.4410, 35.2786, 71.5272



149.0320, 45.8332, 92.9339



183.7490, -42.7673, 44.0701



110.4290, 2.7465, 5.7628



73.2710, 46.7014, 94.4783

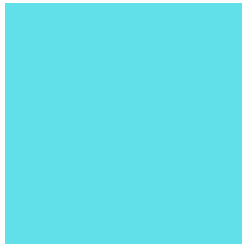


21.8460, 13.8799, 28.1991



# Previews

## White Background



This preview shows how the YUV color 187.1670, 23.0887, -79.0765 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

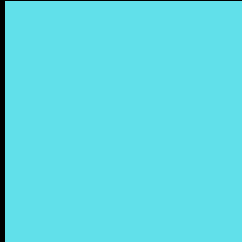
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 187.1670, 23.0887, -79.0765 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 187.1670, 23.0887, -79.0765 Background



This preview shows how black text looks on a background with the YUV color 187.1670, 23.0887, -79.0765.



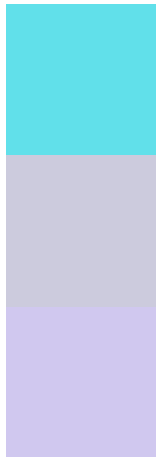
This preview shows how white text looks on a background with the YUV color 187.1670, 23.0887, -79.0765.

-79.0765.

# 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

187.1670, 23.0887, -79.0765

### Protanopia

205.3510, 7.7150, -1.1848

### Deuteranopia

206.8380, 15.8559, 1.0191



## Tritanopia

188.2750, 25.9934, -77.4172

# Trichromacy



## Original Color

187.1670, 23.0887, -79.0765



## Protanomaly

198.9560, 13.3327, -29.7794



## Deuteranomaly

199.9330, 18.2740, -28.0052



## Tritanomaly

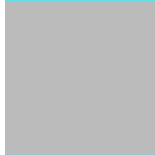
187.6340, 24.8304, -77.7320

# Monochromacy



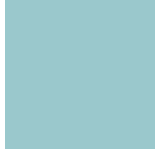
## Original Color

187.1670, 23.0887, -79.0765



## Achromatopsia

187.0000, 0.0000, 0.0000



## Achromatomaly

186.7020, 8.5279, -28.6797

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.1670, 23.0887, -79.0765 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(97, 224, 234)` looks like.

```
.text, #text, p{  
    color:rgb(97, 224, 234)  
}
```

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(97, 224, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 224, 234) }
```

## Border

The CSS property to change the border of an element to YUV 187.1670, 23.0887, -79.0765 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(97, 224, 234) }
```



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

```
.border{ border-color:rgb(97, 224, 234) }
```

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

Here you see how a box with a 4 pixel rgb(97, 224, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 224, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 224, 234);  
box-shadow:4px 4px 4px 4px rgb(97, 224,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 187.1670, 23.0887, -79.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 224, 234) }
```

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

```
.background{ background-color: rgb(97, 224,  
234) }
```

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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