

# Converting Colors

YUV(187.0700, 23.6295,  
-65.8364)

Have a look what the booklet for  
YUV(187.0700, 23.6295, -65.8364)  
contains.

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# Color

**YUV(187.0700, 23.6295,  
-65.8364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70D8EB
RGB	112, 216, 235
RGB Percent	44%, 85%, 92%
CMY	0.5608, 0.1529, 0.0784
CMYK	0.52, 0.08, 0.00, 0.08
HSL	189°, 75%, 68%
HSV	189°, 52%, 92%
XYZ	46.2334, 58.5546, 87.4627
YIQ	187.0700, -68.0830, -16.1390

# Conversions

## Conversions Part 2

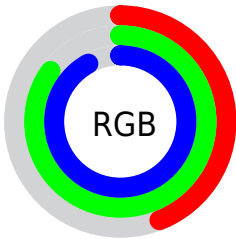
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 168, 235
Decimal	7395563
CIELab	81.05, -25.08, -18.60
CIElCh	81, 31.219, 216.559
Yxy	58.5546, 0.2405, 0.3046
Android (android.graphics.Color)	4285585643 (0xFF70D8EB)
YUV	187.0700, 23.6295, -65.8364
Hunter-Lab	76.5210, -26.0635, -14.2031

# Details

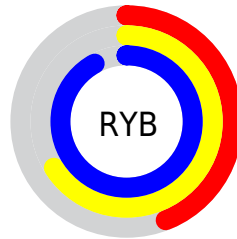
The YUV color **187.0700, 23.6295, -65.8364** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **159.9300, -23.6295, 65.8364**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **128.6670, 24.8142, -72.4990** is the 20% darker color. If you saturate the color by 10%, you get **177.8450, 28.1774, -77.9171**, and if you desaturate by 10%, it is **196.5940, 18.9342, -53.1409**.

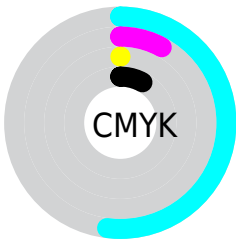
# Distribution



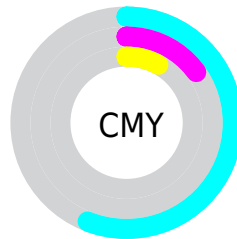
- Red (44%)
- Green (85%)
- Blue (92%)



- Red (44%)
- Yellow (66%)
- Blue (92%)



- Cyan (52%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (56%)
- Magenta (15%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.0700, 23.6295, -65.8364 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 187.0700, 23.6295, -65.8364 by changing the saturation by 10% instead.



187.0700, 23.6295,  
-65.8364

187.0700, 23.6295,  
-65.8364

255.0000, 0.0000,  
0.0000

158.1730, 24.0717,  
-67.6807

229.8840, 12.3822,  
-51.6413

128.6670, 24.8142,  
-72.4990

238.8540, 7.9600,  
-33.1980

96.5730, 27.3255,  
-84.6945

247.8240, 3.5378,  
-14.7546

78.3470, 23.4929,  
-68.7103

60.8220, 19.8078,  
-53.3409

44.5850, 15.9806,  
-39.1010

29.1630, 12.7376,

-25.5760

■ 9.1590, 12.2466,  
-8.0324

■ 0.9120, 3.4944,  
-0.7998

■ 187.0700, 23.6295,  
-65.8364

■ 187.0700, 23.6295,  
-65.8364

■ 177.8450, 28.1774,  
-77.9171

■ 196.5940, 18.9342,  
-53.1409

■ 168.9080, 32.5834,  
-91.1273

■ 205.2320, 14.6756,  
-40.5455

■ 159.6830, 37.1313,  
-103.2080

■ 214.7560, 9.9803,  
-27.8500

■ 150.1590, 41.8266,  
-115.9034

■ 223.9810, 5.4324,  
-15.7693

■ 143.6030, 45.0587,  
-125.9398

■ 232.9180, 1.0264,  
-2.5591

■ 242.1430, -3.5215,  
9.5216

■ 244.5020, -4.6845,  
9.2067

■ 246.8500, -5.8420,  
7.1476

■ 249.1980, -6.9996,  
5.0884

# Harmonies

## Analogous

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



187.7430, 9.4937, -58.5336



187.0700, 23.6295, -65.8364



192.8790, 30.1327, -51.6369

# Triad

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



187.0700, 23.6295, -65.8364



206.0270, 9.3537, 33.3023



198.8730, -27.5454, 15.0204

# Complementary

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



187.0700, 23.6295, -65.8364



159.9300, -23.6295, 65.8364

# 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.



201.9340, -26.5895, 35.1379



187.0700, 23.6295, -65.8364



204.2490, -4.0668, 44.5086

# Square

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



187.0700, 23.6295, -65.8364



204.9620, 21.2177, 7.9263



202.8180, -17.1653, 45.7636



195.8420, -20.6281, -10.3854



# Rectangle

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



187.0700, 23.6295, -65.8364



196.9460, 28.6206, -33.2786



202.8180, -17.1653, 45.7636



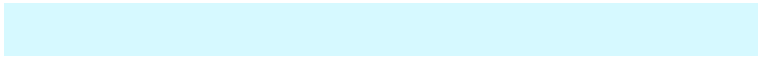
199.8030, -28.0039, 22.0978

# Sweetspot

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



187.0700, 23.6295, -65.8364



239.2190, 7.7800, -22.1171



186.2530, -27.7327, -65.1199



118.1770, 4.8427, -13.3102



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.



187.0700, 23.6295, -65.8364



192.1860, 30.9673, -86.1091



151.2630, 41.2823, -34.4337



112.5370, 2.2003, -5.7329



110.4450, 34.7836, -96.8603



32.5710, 10.5645, -28.5648



# Inverse Universe

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



160.6330, 27.2959, 65.2199



157.6430, 35.6720, 85.3821



195.7370, -41.2823, 34.4337



110.3150, 2.3097, 5.8627



71.5610, 40.1494, 95.9780

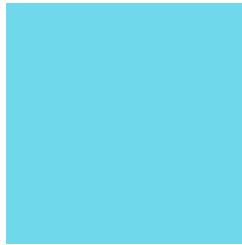


21.2760, 11.6959, 28.6989



# Previews

## White Background



This preview shows how the YUV color 187.0700, 23.6295, -65.8364 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

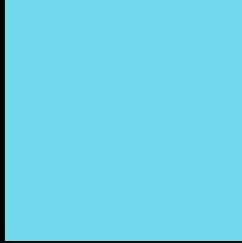
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 187.0700, 23.6295, -65.8364 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

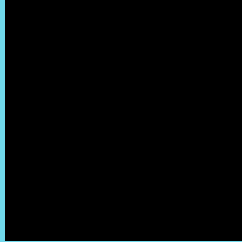
Any Text WCAG AA ✓ Pass

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 187.0700, 23.6295, -65.8364 Background



This preview shows how black text looks on a background with the YUV color 187.0700, 23.6295, -65.8364.



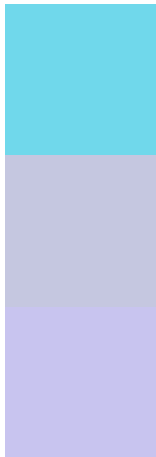
This preview shows how white text looks on a background with the YUV color 187.0700, 23.6295, -65.8364.

-65.8364.

# 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

187.0700, 23.6295, -65.8364

### Protanopia

201.2520, 11.2148, -3.7290

### Deuteranopia

202.0980, 18.1927, -1.8399



## Tritanopia

186.9560, 23.1927, -65.7364

# Trichromacy



## Original Color

187.0700, 23.6295, -65.8364

## Protanomaly

195.9610, 15.7952, -26.2758

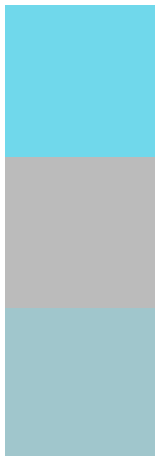
## Deuteranomaly

196.5250, 20.4472, -25.0164

## Tritanomaly

186.9560, 23.1927, -65.7364

# Monochromacy



## Original Color

187.0700, 23.6295, -65.8364

## Achromatopsia

187.0000, 0.0000, 0.0000

## Achromatomaly

187.3220, 8.2223, -23.9614

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.0700, 23.6295, -65.8364 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(112, 216, 235)` looks like.

```
.text, #text, p{  
    color:rgb(112, 216, 235)  
}
```

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(112, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 216, 235) }
```

## Border

The CSS property to change the border of an element to YUV 187.0700, 23.6295, -65.8364 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(112, 216, 235) }
```



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

```
.border{ border-color:rgb(112, 216, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 216, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(112, 216,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 187.0700, 23.6295, -65.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 216, 235) }
```

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

```
.background{ background-color: rgb(112,  
216, 235) }
```

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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