

# Converting Colors

YUV(186.6410, 7.5720,  
-48.7972)

Have a look what the booklet for  
YUV(186.6410, 7.5720, -48.7972)  
contains.

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# Color

**YUV(186.6410, 7.5720,  
-48.7972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83D4CA
RGB	131, 212, 202
RGB Percent	51%, 83%, 79%
CMY	0.4863, 0.1686, 0.2078
CMYK	0.38, 0.00, 0.05, 0.17
HSL	173°, 49%, 67%
HSV	173°, 38%, 83%
XYZ	43.5642, 56.1765, 64.4242
YIQ	186.6410, -45.0660, -20.2820

# Conversions

## Conversions Part 2

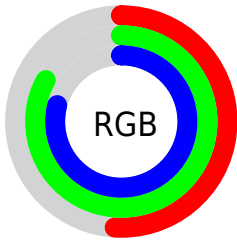
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 174, 212
Decimal	8639690
CIELab	79.71, -27.05, -2.88
CIELCh	80, 27.205, 186.075
Yxy	56.1765, 0.2654, 0.3422
Android (android.graphics.Color)	4286829770 (0xFF83D4CA)
YUV	186.6410, 7.5720, -48.7972
Hunter-Lab	74.9510, -27.4136, 1.5029

# Details

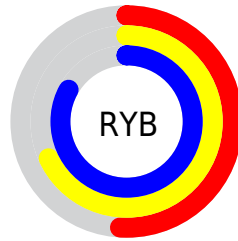
The YUV color **186.6410, 7.5720, -48.7972** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **156.3590, -7.5720, 48.7972**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **131.7550, 8.0088, -48.8971** is the 20% darker color. If you saturate the color by 10%, you get **180.0200, 9.3571, -61.4075**, and if you desaturate by 10%, it is **193.2620, 5.7868, -36.1868**.

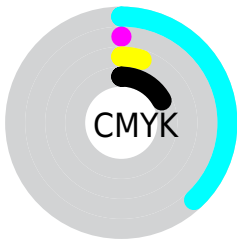
# Distribution



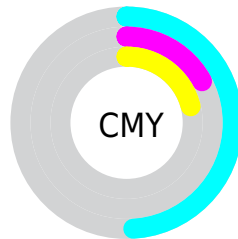
- Red (51%)
- Green (83%)
- Blue (79%)



- Red (51%)
- Yellow (68%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 186.6410, 7.5720, -48.7972 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 186.6410, 7.5720, -48.7972 by changing the saturation by 10% instead.



■ 186.6410, 7.5720,  
-48.7972

■ 186.6410, 7.5720,  
-48.7972

255.0000, 0.0000,  
0.0000

■ 158.7550, 8.0088,  
-48.8971

■ 234.6680, 10.0237,  
-41.8048

■ 131.7550, 8.0088,  
-48.8971

■ 243.3390, 5.7489,  
-23.9763

■ 104.8580, 8.4510,  
-50.7415

■ 252.0100, 1.4741,  
-6.1478

■ 75.0850, 10.8041,  
-58.8335

■ 55.9830, 8.8824,  
-49.0971

■ 39.2730, 5.7814,  
-34.4424

■ 24.5520, 2.6859,

-21.5321

■ 0.6840, 2.6208,  
-0.5999

■ 0.0000, 0.0000,  
0.0000

■ 186.6410, 7.5720,  
-48.7972

■ 186.6410, 7.5720,  
-48.7972

■ 180.0200, 9.3571,  
-61.4075

■ 193.2620, 5.7868,  
-36.1868

■ 173.5130, 11.5791,  
-74.1179

■ 199.7690, 3.5649,  
-23.4764

■ 166.5930, 13.5117,  
-87.3431

■ 206.6890, 1.6323,  
-10.2513

■ 160.0860, 15.7336,  
-100.0534

■ 213.1960, -0.5896,  
2.4591

■ 153.4650, 17.5188,  
-112.6638

■ 219.8170, -2.3748,  
15.0695

■ 146.8440, 19.3039,  
-125.2742

■ 225.5410, -3.7177,  
25.8355

■ 145.6480, 19.8935,  
-127.7333

■ 225.7690, -2.8441,  
25.6356

■ 226.1110, -1.5337,  
25.3357

■ 226.4530, -0.2233,  
25.0357

# Harmonies

## Analogous

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



189.3800, -6.5963, -31.0283



186.6410, 7.5720, -48.7972



186.6970, 19.3764, -54.9853

# Triad

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



186.6410, 7.5720, -48.7972



200.3810, 19.0392, 6.6819



198.2370, -22.7948, 31.3642

# Complementary

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



186.6410, 7.5720, -48.7972



156.3590, -7.5720, 48.7972

# 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.



199.9530, -15.2598, 41.2602



186.6410, 7.5720, -48.7972



202.0650, 8.3490, 28.8840

# Square

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



186.6410, 7.5720, -48.7972



196.5240, 25.3777, -19.7535



201.2270, -4.0559, 41.0199



196.0730, -24.1930, 13.0910



# Rectangle

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



186.6410, 7.5720, -48.7972



189.1090, 24.5963, -49.2076



201.2270, -4.0559, 41.0199



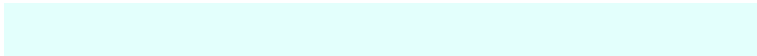
198.7260, -21.0639, 36.1973

# Sweetspot

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



186.6410, 7.5720, -48.7972



246.2860, 2.8170, -16.9138



181.8360, -25.0621, -34.9362



122.5750, 1.1955, -10.1513



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

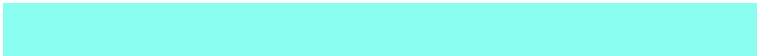


# Same Dimension

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



186.6410, 7.5720, -48.7972



218.4210, 11.1314, -70.5292



170.1710, 20.6217, -34.3530



103.5970, 1.1847, -6.6626



117.4770, 16.0338, -103.0273



29.5730, 4.1545, -25.9355



# Inverse Universe

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



156.3590, -7.5720, 48.7972



174.5790, -11.1314, 70.5292



172.8290, -20.6217, 34.3530



99.5170, -0.7479, 6.5626



53.5230, -16.0338, 103.0273

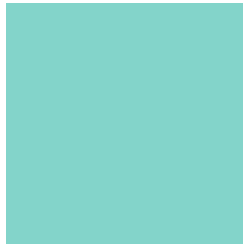


13.4270, -4.1545, 25.9355



# Previews

## White Background



This preview shows how the YUV color 186.6410, 7.5720, -48.7972 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

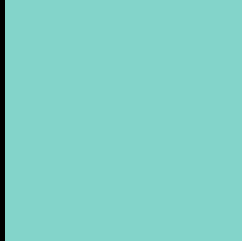
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.6410, 7.5720, -48.7972 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

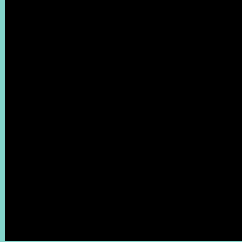
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

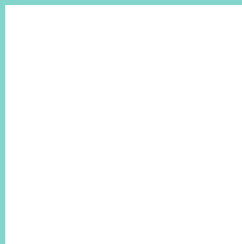
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 186.6410, 7.5720, -48.7972

## Background



This preview shows how black text looks on a background with the YUV color 186.6410, 7.5720, -48.7972.



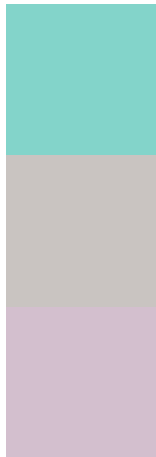
This preview shows how white text looks on a background with the YUV color 186.6410, 7.5720, -48.7972.

-48.7972.

# 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

186.6410, 7.5720, -48.7972

### Protanopia

197.1530, -2.0474, 3.3738

### Deuteranopia

198.6900, 3.6038, 10.7959



## **Tritanopia**

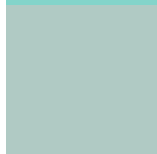
189.2960, 17.6021, -45.8636

# Trichromacy



## Original Color

186.6410, 7.5720, -48.7972



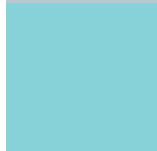
## Protanomaly

193.5420, 1.2118, -15.3843



## Deuteranomaly

194.6010, 5.1267, -11.0511



## Tritanomaly

188.3730, 14.1131, -46.8081

# Monochromacy



## Original Color

186.6410, 7.5720, -48.7972



## Achromatopsia

187.0000, 0.0000, 0.0000



## Achromatomaly

186.8730, 2.5276, -17.4286

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.6410, 7.5720, -48.7972 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(131, 212, 202)` looks like.

```
.text, #text, p{  
    color:rgb(131, 212, 202)  
}
```

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(131, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 212, 202) }
```

## Border

The CSS property to change the border of an element to YUV 186.6410, 7.5720, -48.7972 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(131, 212, 202) }
```



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

```
.border{ border-color:rgb(131, 212, 202) }
```

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

Here you see how a box with a 4 pixel rgb(131, 212, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(131, 212,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 186.6410, 7.5720, -48.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 212, 202) }
```

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

```
.background{ background-color: rgb(131,  
212, 202) }
```

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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