

# Converting Colors

YUV(183.9490, 10.3781,  
-62.2223)

Have a look what the booklet for  
YUV(183.9490, 10.3781, -62.2223)  
contains.

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# Color

**YUV(183.9490, 10.3781,  
-62.2223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71D8CD
RGB	113, 216, 205
RGB Percent	44%, 85%, 80%
CMY	0.5569, 0.1529, 0.1961
CMYK	0.48, 0.00, 0.05, 0.15
HSL	174°, 57%, 65%
HSV	174°, 48%, 85%
XYZ	42.3854, 57.0302, 66.5316
YIQ	183.9490, -57.8570, -25.2570

# Conversions

## Conversions Part 2

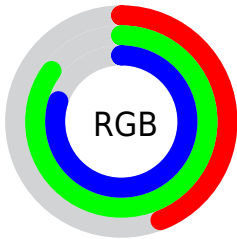
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 167, 216
Decimal	7461069
CIELab	80.20, -32.64, -3.86
CIELCh	80, 32.868, 186.742
Yxy	57.0302, 0.2554, 0.3437
Android (android.graphics.Color)	4285651149 (0xFF71D8CD)
YUV	183.9490, 10.3781, -62.2223
Hunter-Lab	75.5184, -31.9724, 0.6284

# Details

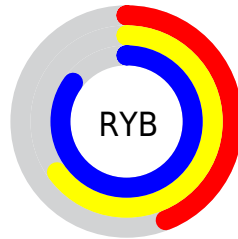
The YUV color **183.9490, 10.3781, -62.2223** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.0510, -10.3781, 62.2223**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **127.2690, 11.6994, -66.0109** is the 20% darker color. If you saturate the color by 10%, you get **177.1430, 12.7475, -75.5474**, and if you desaturate by 10%, it is **190.7550, 8.0088, -48.8971**.

# Distribution



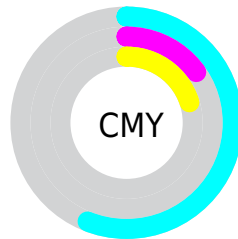
- Red (44%)
- Green (85%)
- Blue (80%)



- Red (44%)
- Yellow (65%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.9490, 10.3781, -62.2223 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 183.9490, 10.3781, -62.2223 by changing the saturation by 10% instead.





 183.9490, 10.3781,  
-62.2223

 183.9490, 10.3781,  
-62.2223


255.0000, 0.0000,  
0.0000

 155.7640, 10.9623,  
-62.9370


 229.8840, 12.3822,  
-51.6413


 127.2690, 11.6994,  
-66.0109

 238.5550, 8.1074,  
-33.8127

 93.2070, 15.6739,  
-80.8655

 247.5250, 3.6852,  
-15.3694

 74.7960, 12.4256,  
-65.5961

 57.9720, 8.8878,  
-50.8414

 41.3760, 6.2236,  
-36.2868

 25.9540, 2.9807,

-22.7617

■ 2.3140, 3.7892,  
-2.0294

■ 0.0000, 0.0000,  
0.0000

■ 183.9490, 10.3781,  
-62.2223

■ 183.9490, 10.3781,  
-62.2223

■ 177.1430, 12.7475,  
-75.5474

■ 190.7550, 8.0088,  
-48.8971

■ 170.5220, 14.5327,  
-88.1578

■ 197.3760, 6.2236,  
-36.2868

■ 163.7160, 16.9020,  
-101.4829

■ 204.1820, 3.8543,  
-22.9616

■ 157.2090, 19.1240,  
-114.1933

■ 210.6890, 1.6323,  
-10.2513

■ 150.2890, 21.0565,  
-127.4185

■ 217.6090, -0.3002,  
2.9739

■ 148.7940, 21.7936,  
-130.4923

■ 224.4150, -2.6696,  
16.2990

■ 228.2310, -3.5649,  
23.4764

■ 228.4590, -2.6913,  
23.2765

■ 228.8010, -1.3809,  
22.9765

# Harmonies

## Analogous

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



188.5100, -7.1534, -39.0353



183.9490, 10.3781, -62.2223



182.9060, 25.6823, -70.9546

# Triad

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



183.9490, 10.3781, -62.2223



202.6030, 22.3807, 8.2412



199.3040, -27.7579, 36.5674

# Complementary

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



183.9490, 10.3781, -62.2223



145.0510, -10.3781, 62.2223

# 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.



200.6010, -18.0443, 47.7079



183.9490, 10.3781, -62.2223



203.5650, 10.0745, 35.4615

# Square

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



183.9490, 10.3781, -62.2223



196.4140, 28.8829, -24.0421



201.5590, -4.2196, 46.8678



196.5310, -28.8558, 15.3203



# Rectangle

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



183.9490, 10.3781, -62.2223



186.6280, 30.7494, -62.8178



201.5590, -4.2196, 46.8678



199.7330, -25.0114, 42.3302

# Sweetspot

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



183.9490, 10.3781, -62.2223



243.7800, 3.5595, -21.7321



177.0490, -31.5762, -45.6470



121.0800, 1.9326, -13.2252



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.



183.9490, 10.3781, -62.2223



209.8210, 14.3852, -87.5430



162.3100, 26.4692, -43.2449



103.5970, 1.1847, -6.6626



117.8190, 17.3442, -103.3273



29.6870, 4.5913, -26.0355



# Inverse Universe

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



145.0510, -10.3781, 62.2223



155.0650, -14.8220, 87.6430



166.6900, -26.4692, 43.2449



99.5170, -0.7479, 6.5626



53.1810, -17.3442, 103.3273

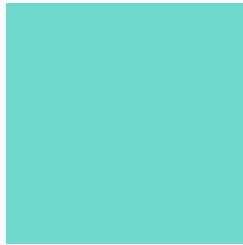


13.4270, -4.1545, 25.9355



# Previews

## White Background



This preview shows how the YUV color 183.9490, 10.3781, -62.2223 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 183.9490, 10.3781, -62.2223 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

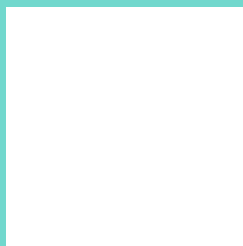
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 183.9490, 10.3781, -62.2223

## Background



This preview shows how black text looks on a background with the YUV color 183.9490, 10.3781, -62.2223.



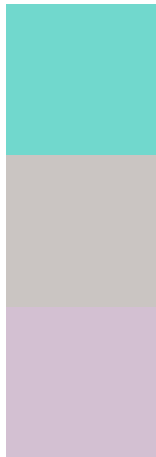
This preview shows how white text looks on a background with the YUV color 183.9490, 10.3781, -62.2223.

-62.2223.

# 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

183.9490, 10.3781, -62.2223

### Protanopia

198.1530, -2.0474, 3.3738

### Deuteranopia

199.7330, 5.0616, 9.8812



## Tritanopia

186.7290, 20.8396, -57.6443

# Trichromacy



## Original Color

183.9490, 10.3781, -62.2223



## Protanomaly

193.1500, 2.3911, -20.3025



## Deuteranomaly

194.0240, 6.8902, -16.6840



## Tritanomaly

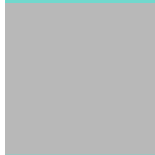
185.3930, 17.0613, -59.1037

# Monochromacy



## Original Color

183.9490, 10.3781, -62.2223



## Achromatopsia

184.0000, 0.0000, 0.0000



## Achromatomaly

184.1820, 3.8543, -22.9616

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.9490, 10.3781, -62.2223 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(113, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(113, 216, 205)  
}
```

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(113, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 216, 205) }
```

## Border

The CSS property to change the border of an element to YUV 183.9490, 10.3781, -62.2223 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(113, 216, 205) }
```



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

```
.border{ border-color:rgb(113, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(113, 216,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 183.9490, 10.3781, -62.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 216, 205) }
```

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

```
.background{ background-color: rgb(113,  
216, 205) }
```

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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