

# Converting Colors

YUV(185.1850, 2.3738,  
-61.5522)

Have a look what the booklet for  
YUV(185.1850, 2.3738, -61.5522)  
contains.

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# Color

**YUV(185.1850, 2.3738,  
-61.5522)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73DCBE
RGB	115, 220, 190
RGB Percent	45%, 86%, 75%
CMY	0.5490, 0.1373, 0.2549
CMYK	0.48, 0.00, 0.14, 0.14
HSL	163°, 60%, 66%
HSV	163°, 48%, 86%
XYZ	41.9577, 58.5489, 57.8049
YIQ	185.1850, -52.9500, -31.5900

# Conversions

## Conversions Part 2

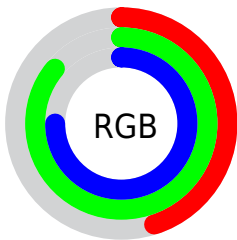
Format	Color
<a href="#">RYB</a>	<a href="#">115, 176, 220</a>
Decimal	<a href="#">7593150</a>
CIELab	<a href="#">81.04, -37.58, 5.37</a>
CIELCh	<a href="#">81, 37.961, 171.865</a>
Yxy	<a href="#">58.5489, 0.2650, 0.3698</a>
Android (android.graphics.Color)	<a href="#">4285783230 (0xFF73DCBE)</a>
YUV	<a href="#">185.1850, 2.3738, -61.5522</a>
Hunter-Lab	<a href="#">76.5173, -36.0261, 8.7715</a>

# Details

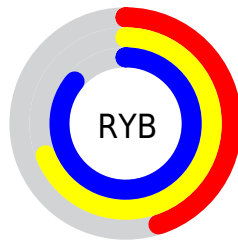
The YUV color **185.1850, 2.3738, -61.5522** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **149.8150, -2.3738, 61.5522**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1570, 8.3036, -50.1267**, and **128.3310, 4.2738, -64.3113** is the 20% darker color. If you saturate the color by 10%, you get **177.9230, 2.9960, -74.4775**, and if you desaturate by 10%, it is **192.4470, 1.7516, -48.6270**.

# Distribution



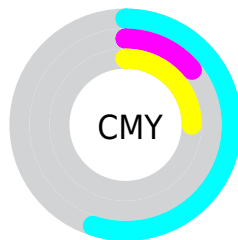
- Red (45%)
- Green (86%)
- Blue (75%)



- Red (45%)
- Yellow (69%)
- Blue (86%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)



- Cyan (55%)
- Magenta (14%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.1850, 2.3738, -61.5522 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 185.1850, 2.3738, -61.5522 by changing the saturation by 10% instead.





 185.1850, 2.3738,  
-61.5522


 185.1850, 2.3738,  
-61.5522

255.0000, 0.0000,  
0.0000

 157.0000, 2.9580,  
-62.2670

 229.1570, 8.3036,  
-50.1267


 128.3310, 4.2738,  
-64.3113


 239.1530, 7.8126,  
-32.5832

 97.5470, 6.6323,  
-74.1477

 247.8240, 3.5378,  
-14.7546

 75.6620, 5.5896,  
-66.3556

 58.3650, 2.7781,  
-51.1861

 41.1820, 0.4033,  
-36.1166

 26.4610, -2.6923,

-23.2063

■ 4.1090, -2.0257,  
-3.6036

■ 0.0000, 0.0000,  
0.0000

■ 185.1850, 2.3738,  
-61.5522

■ 185.1850, 2.3738,  
-61.5522

■ 177.9230, 2.9960,  
-74.4775

■ 192.4470, 1.7516,  
-48.6270

■ 170.5470, 3.1813,  
-87.3027

■ 199.8230, 1.5663,  
-35.8018

■ 163.2850, 3.8035,  
-100.2279

■ 207.0850, 0.9441,  
-22.8765

■ 156.0230, 4.4257,  
-113.1532


■ 214.3470, 0.3219,  
-9.9513

 148.7610, 5.0478,  
-126.0784

 221.6090, -0.3002,  
2.9739

 147.0380, 4.9113,  
-128.9523

 228.9850, -0.4856,  
15.7992

 232.0610, 0.9559,  
20.1175

 232.7450, 3.5767,  
19.5176

 233.5430, 6.6343,  
18.8178

# Harmonies

## Analogous

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



191.8180, -17.6583, -29.6584



185.1850, 2.3738, -61.5522



178.8240, 23.2578, -86.6686

# Triad

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



185.1850, 2.3738, -61.5522



201.5300, 26.3607, -8.3578



201.0110, -26.6274, 47.3484

# Complementary

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



185.1850, 2.3738, -61.5522



149.8150, -2.3738, 61.5522

# 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.



199.1480, -10.9190, 48.9822



185.1850, 2.3738, -61.5522



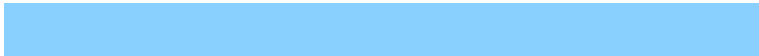
206.2140, 19.1215, 26.9993

# Square

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



185.1850, 2.3738, -61.5522



192.1290, 30.9954, -48.3481



203.1380, 4.3690, 45.4830



199.9520, -33.9933, 29.8601



# Rectangle

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



185.1850, 2.3738, -61.5522



179.4460, 33.3041, -88.9681



203.1380, 4.3690, 45.4830



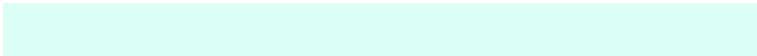
199.5750, -21.9755, 48.6077

# Sweetspot

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



185.1850, 2.3738, -61.5522



243.0960, 0.9387, -21.1322



186.2030, -35.1031, -34.3810



120.6240, 0.1854, -12.8252



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.



185.1850, 2.3738, -61.5522



206.8570, 3.0285, -84.9436



176.2780, 21.5549, -53.7408



106.3690, 0.3111, -6.4626



115.6870, 4.0983, -101.4575



30.7640, 1.1023, -26.9800



# Inverse Universe

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



149.8150, -2.3738, 61.5522



158.0290, -3.4653, 85.0436



158.7220, -21.5549, 53.7408



102.6310, -0.3111, 6.4626



57.4270, -3.6615, 101.3575



15.2360, -1.1023, 26.9800



# Previews

## White Background



This preview shows how the YUV color 185.1850, 2.3738, -61.5522 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

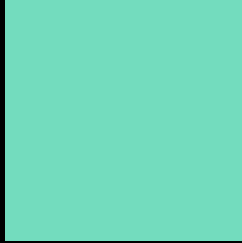
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 185.1850, 2.3738, -61.5522 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

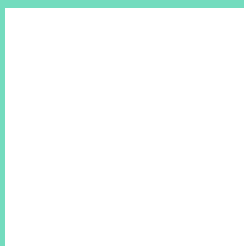
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 185.1850, 2.3738, -61.5522

## Background



This preview shows how black text looks on a background with the YUV color 185.1850, 2.3738, -61.5522.



This preview shows how white text looks on a background with the YUV color 185.1850, 2.3738, -61.5522.

-61.5522.

# 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

185.1850, 2.3738, -61.5522

### Protanopia

199.4110, -10.0626, 7.5326

### Deuteranopia

201.7140, -2.8170, 16.9138



## Tritanopia

189.9250, 20.2500, -55.1852

# Trichromacy



## Original Color

185.1850, 2.3738, -61.5522



## Protanomaly

194.3970, -5.6187, -17.8882



## Deuteranomaly

195.6950, -0.8356, -12.0105



## Tritanomaly

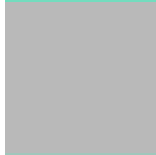
188.1930, 13.7089, -57.1743

# Monochromacy



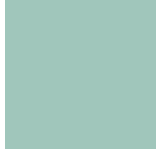
## Original Color

185.1850, 2.3738, -61.5522



## Achromatopsia

185.0000, 0.0000, 0.0000



## Achromatomaly

185.3840, 0.7967, -22.2618

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.1850, 2.3738, -61.5522 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(115, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(115, 220, 190)  
}
```

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(115, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 220, 190) }
```

## Border

The CSS property to change the border of an element to YUV 185.1850, 2.3738, -61.5522 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(115, 220, 190) }
```



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

```
.border{ border-color:rgb(115, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(115, 220,  
190) }
```

# Background

The CSS property to change the background color of an element to YUV 185.1850, 2.3738, -61.5522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 220, 190) }
```

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

```
.background{ background-color: rgb(115,  
220, 190) }
```

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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