

# Converting Colors

YUV(165.9360, 23.6956,  
-40.2859)

Have a look what the booklet for  
YUV(165.9360, 23.6956, -40.2859)  
contains.

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# Color

**YUV(165.9360, 23.6956,  
-40.2859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78B4D6
RGB	120, 180, 214
RGB Percent	47%, 71%, 84%
CMY	0.5294, 0.2941, 0.1608
CMYK	0.44, 0.16, 0.00, 0.16
HSL	202°, 53%, 65%
HSV	202°, 44%, 84%
XYZ	36.2046, 41.4906, 69.7186
YIQ	165.9360, -46.6740, -2.1460

# Conversions

## Conversions Part 2

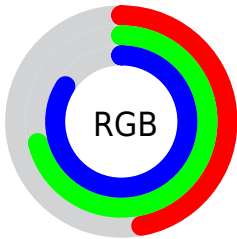
Format	Color
<b>RYB</b>	120, 157, 214
Decimal	7910614
CIELab	70.52, -10.48, -23.21
CIELCh	71, 25.467, 245.710
Yxy	41.4906, 0.2456, 0.2815
Android (android.graphics.Color)	4286100694 (0xFF78B4D6)
YUV	165.9360, 23.6956, -40.2859
Hunter-Lab	64.4132, -12.3941, -19.0842

# Details

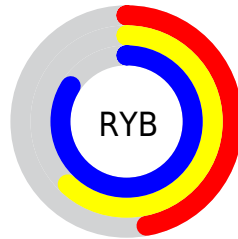
The YUV color **165.9360, 23.6956, -40.2859** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **168.0640, -23.6956, 40.2859**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2260, 17.1436, -38.7862**, and **111.8110, 23.2642, -41.9302** is the 20% darker color. If you saturate the color by 10%, you get **154.9610, 29.1062, -49.0778**, and if you desaturate by 10%, it is **176.9110, 18.2849, -31.4939**.

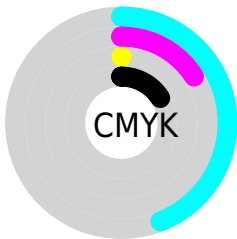
# Distribution



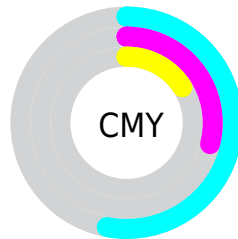
- Red (47%)
- Green (71%)
- Blue (84%)



- Red (47%)
- Yellow (62%)
- Blue (84%)



- Cyan (44%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (29%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.9360, 23.6956, -40.2859 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 165.9360, 23.6956, -40.2859 by changing the saturation by 10% instead.



■ 165.9360, 23.6956,  
-40.2859

■ 165.9360, 23.6956,  
-40.2859

■ 255.0000, 0.0000,  
0.0000

■ 138.5230, 23.4062,  
-40.8007

■ 220.2260, 17.1436,  
-38.7862

■ 111.8110, 23.2642,  
-41.9302

■ 240.0500, 7.3704,  
-30.7388

■ 84.9030, 23.7118,  
-45.5189

■ 248.7210, 3.0955,  
-12.9103

■ 58.0980, 24.6017,  
-50.9519

■ 41.7470, 20.3377,  
-36.6121

■ 26.7980, 16.3686,  
-23.5018

■ 7.8540, 14.8620,

-6.8880

■ 2.4110, 6.6994,  
-2.1144

■ 0.0000, 0.0000,  
0.0000

■ 165.9360, 23.6956,  
-40.2859

■ 165.9360, 23.6956,  
-40.2859

■ 154.9610, 29.1062,  
-49.0778

■ 176.9110, 18.2849,  
-31.4939

■ 144.2740, 34.3749,  
-58.9993

■ 187.5980, 13.0162,  
-21.5724

■ 133.2990, 39.7856,  
-67.7912

■ 198.5730, 7.6055,  
-12.7805

■ 122.0250, 45.3437,  
-77.1979

■ 209.8470, 2.0474,  
-3.3738

■ 111.0500, 50.7544,  
-85.9899

■ 220.8220, -3.3632,  
5.4181

■ 104.8150, 53.8282,  
-91.9228

■ 231.2100, -8.4845,  
14.7248

■ 237.9990,  
-11.8315, 14.9099

■ 242.6950,  
-14.1466, 10.7915

■ 247.3910,  
-16.4618, 6.6731

# Harmonies

## Analogous

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



161.7900, 18.3445, -50.6818



165.9360, 23.6956, -40.2859



171.2530, 23.0463, -18.6389

# Triad

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



165.9360, 23.6956, -40.2859



176.3190, -3.6083, 37.4312



168.1890, -16.8552, -7.1818

# Complementary

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



165.9360, 23.6956, -40.2859



168.0640, -23.6956, 40.2859

# 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.



170.6430, -22.0090, 12.5911



165.9360, 23.6956, -40.2859



174.6860, -13.6492, 37.9864

# Square

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



165.9360, 23.6956, -40.2859



176.2280, 7.7756, 26.1100



173.3830, -20.8948, 28.6051



165.2170, -6.0230, -28.2543



# Rectangle

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



165.9360, 23.6956, -40.2859



174.4400, 19.5031, -2.1399



173.3830, -20.8948, 28.6051



168.9510, -19.2028, -0.8340

# Sweetspot

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



165.9360, 23.6956, -40.2859



238.0890, 8.3371, -14.1101



178.9400, -12.7884, -51.6904



117.0250, 5.4107, -8.7919



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

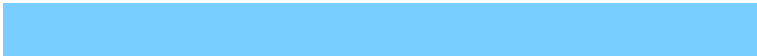


# Same Dimension

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



165.9360, 23.6956, -40.2859



185.8720, 34.0801, -57.7697



138.9340, 37.0075, -16.6051



101.3630, 2.7790, -4.7034



83.4770, 43.1488, -73.2093



21.3380, 10.6794, -18.7134



# Inverse Universe

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



154.9460, 12.3516, 51.7904



170.1690, 17.6647, 74.3968



195.0660, -37.0075, 16.6051



100.0870, 1.4361, 6.0627



63.5550, 22.4044, 94.2293

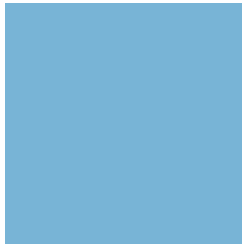


16.0490, 5.8918, 23.6360



# Previews

## White Background



This preview shows how the YUV color 165.9360, 23.6956, -40.2859 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

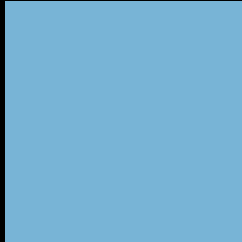
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.9360, 23.6956, -40.2859 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 165.9360, 23.6956, -40.2859

## Background



This preview shows how black text looks on a background with the YUV color 165.9360, 23.6956, -40.2859.



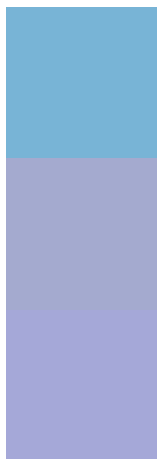
This preview shows how white text looks on a background with the YUV color 165.9360, 23.6956, -40.2859.

-40.2859.

# 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

165.9360, 23.6956, -40.2859

### Protanopia

172.4240, 17.0460, -7.3878

### Deuteranopia

172.5750, 21.4085, -6.6433



## Tritanopia

164.3780, 16.5756, -43.3045

# Trichromacy



## Original Color

165.9360, 23.6956, -40.2859

## Protanomaly

170.3300, 19.5573, -19.5834

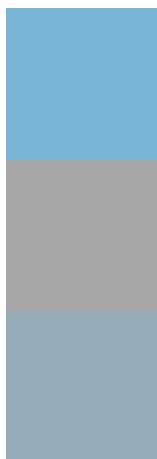
## Deuteranomaly

170.0250, 22.1727, -18.4389

## Tritanomaly

165.0730, 19.1910, -42.1600

# Monochromacy



## Original Color

165.9360, 23.6956, -40.2859

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

165.7900, 8.4845, -14.7248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.9360, 23.6956, -40.2859 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(120, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(120, 180, 214)  
}
```

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(120, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 180, 214) }
```

## Border

The CSS property to change the border of an element to YUV 165.9360, 23.6956, -40.2859 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(120, 180, 214) }
```



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

```
.border{ border-color:rgb(120, 180, 214) }
```

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

Here you see how a box with a 4 pixel rgb(120, 180, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(120, 180,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 165.9360, 23.6956, -40.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 180, 214) }
```

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

```
.background{ background-color: rgb(120,  
180, 214) }
```

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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