

# Converting Colors

YUV(184.6040, 7.5902, 38.9353)

Have a look what the booklet for  
YUV(184.6040, 7.5902, 38.9353)  
contains.

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# Color

**YUV(184.6040, 7.5902,  
38.9353)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E59FC8
RGB	229, 159, 200
RGB Percent	90%, 62%, 78%
CMY	0.1020, 0.3765, 0.2157
CMYK	0.00, 0.31, 0.13, 0.10
HSL	325°, 57%, 76%
HSV	325°, 31%, 90%
XYZ	55.1366, 45.6244, 60.5440
YIQ	184.6040, 28.5590, 27.5910

# Conversions

## Conversions Part 2

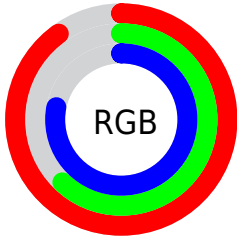
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 159, 200
Decimal	15048648
CIE Lab	73.30, 32.08, -10.49
CIE LCh	73, 33.755, 341.886
Yxy	45.6244, 0.3418, 0.2828
Android (android.graphics.Color)	4293238728 (0xFFE59FC8)
YUV	184.6040, 7.5902, 38.9353
Hunter-Lab	67.5458, 27.5014, -5.8618

# Details

The YUV color **184.6040, 7.5902, 38.9353** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.3960, -7.5902, -38.9353**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.8650, 21.1068**, and **130.8810, 7.4537, 36.0614** is the 20% darker color. If you saturate the color by 10%, you get **170.0770, 10.3150, 51.6755**, and if you desaturate by 10%, it is **199.1310, 4.8654, 26.1951**.

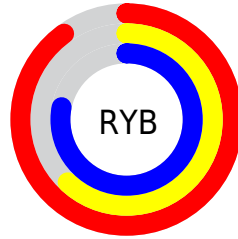
# Distribution



Red (90%)

Green (62%)

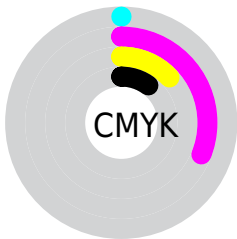
Blue (78%)



Red (90%)

Yellow (62%)

Blue (78%)

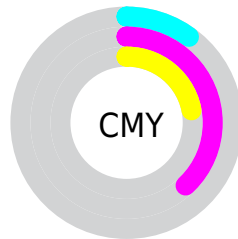


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (10%)



Cyan (10%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.6040, 7.5902, 38.9353 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 184.6040, 7.5902, 38.9353 by changing the saturation by 10% instead.





 184.6040, 7.5902,  
38.9353


 184.6040, 7.5902,  
38.9353


255.0000, 0.0000,  
0.0000

 157.0060, 7.8850,  
37.7057

 230.9330, 11.8650,  
21.1068

 130.8810, 7.4537,  
36.0614

 247.9560, 3.4727,  
6.1776

 104.5820, 7.6011,  
35.4466

 79.9840, 7.8959,  
34.2170

 55.3860, 8.1907,  
32.9875

 30.0270, 9.3537,  
33.3023

 16.7610, 6.0338,

24.7656

■ 2.3920, -1.1793,  
4.9182

■ 0.0000, 0.0000,  
0.0000

■ 184.6040, 7.5902,  
38.9353

■ 184.6040, 7.5902,  
38.9353

■ 170.0770, 10.3150,  
51.6755

■ 199.1310, 4.8654,  
26.1951

■ 155.4360, 12.6031,  
64.5156

■ 213.7720, 2.5774,  
13.3550

■ 140.9090, 15.3279,  
77.2558

■ 228.2990, -0.1474,  
0.6148

■ 126.2680, 17.6159,  
90.0960

■ 242.9400, -2.4354,  
-12.2254

■ 112.3280, 20.0513,  
102.3213

■ 246.3140, 0.3382,  
-15.1844

■ 97.6870, 22.3393,  
115.1615

■ 247.2260, 3.8326,  
-15.9842

■ 83.7470, 24.7747,  
127.3869

# Harmonies

## Analogous

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



184.1800, 20.6173, 13.8741



184.6040, 7.5902, 38.9353



183.4840, -7.1406, 50.4415

# Triad

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



184.6040, 7.5902, 38.9353



176.9110, -28.5501, 10.6021



162.2690, 28.4614, -75.6579

# Complementary

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



184.6040, 7.5902, 38.9353



203.3960, -7.5902, -38.9353

# 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.



162.6430, 14.4730, -68.9699



184.6040, 7.5902, 38.9353



173.0370, -19.7382, -15.8184

# Square

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



184.6040, 7.5902, 38.9353



180.0540, -28.6206, 33.2786



168.5740, -4.2270, -44.3534



170.3780, 33.3376, -52.9515



# Rectangle

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



184.6040, 7.5902, 38.9353



182.0790, -16.3079, 50.7967



168.5740, -4.2270, -44.3534



161.3460, 24.9724, -76.6024

# Sweetspot

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



184.6040, 7.5902, 38.9353



240.3590, 2.2880, 12.8402



175.3520, 26.4485, 10.2153



118.5110, 1.7201, 8.3219



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.



184.6040, 7.5902, 38.9353



195.3760, 10.1676, 52.2902



180.7280, -7.2609, 42.3345



107.3860, 1.2887, 6.6775



65.4910, 19.4779, 99.5474



18.6690, 5.5862, 28.3543



# Inverse Universe

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



184.6040, 7.5902, 38.9353



195.3760, 10.1676, 52.2902



207.2720, 7.2609, -42.3345



107.3860, 1.2887, 6.6775



65.4910, 19.4779, 99.5474



18.6690, 5.5862, 28.3543



# Previews

## White Background



This preview shows how the YUV color 184.6040, 7.5902, 38.9353 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

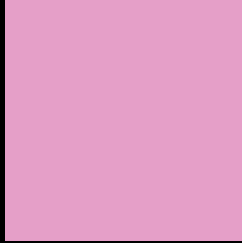
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 184.6040, 7.5902, 38.9353 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

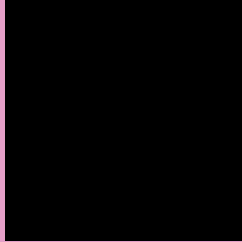
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 184.6040, 7.5902, 38.9353

## Background



This preview shows how black text looks on a background with the YUV color 184.6040, 7.5902, 38.9353.



This preview shows how white text looks on a background with the YUV color 184.6040, 7.5902,



# 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

184.6040, 7.5902, 38.9353

### Protanopia

181.3810, 15.5882, -6.4731

### Deuteranopia

181.9930, 7.3985, 7.0221



## Tritanopia

183.3190, -3.6083, 37.4312

# Trichromacy



## Original Color

184.6040, 7.5902, 38.9353



## Protanomaly

182.6820, 12.4818, 9.9259



## Deuteranomaly

182.7710, 7.5079, 18.6178



## Tritanomaly

184.0570, 0.4649, 37.6610

# Monochromacy



## Original Color

184.6040, 7.5902, 38.9353



## Achromatopsia

185.0000, 0.0000, 0.0000



## Achromatomaly

185.0710, 2.4300, 13.9697

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.6040, 7.5902, 38.9353 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(229, 159, 200)` looks like.

```
.text, #text, p{  
    color:rgb(229, 159, 200)  
}
```

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(229, 159, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 159, 200) }
```

## Border

The CSS property to change the border of an element to YUV 184.6040, 7.5902, 38.9353 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(229, 159, 200) }
```



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

```
.border{ border-color:rgb(229, 159, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 159, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 159, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 159, 200);  
box-shadow:4px 4px 4px 4px rgb(229, 159,  
200) }
```

# Background

The CSS property to change the background color of an element to YUV 184.6040, 7.5902, 38.9353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 159, 200) }
```

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

```
.background{ background-color: rgb(229,  
159, 200) }
```

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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