

# Converting Colors

YUV(177.7150, 19.3675,  
41.4689)

Have a look what the booklet for  
YUV(177.7150, 19.3675, 41.4689)  
contains.

<b>YUV(177.7150, 19.3675, 41.4689)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(177.7150, 19.3675,  
41.4689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E192D9
RGB	225, 146, 217
RGB Percent	88%, 57%, 85%
CMY	0.1176, 0.4275, 0.1490
CMYK	0.00, 0.35, 0.04, 0.12
HSL	306°, 57%, 73%
HSV	306°, 35%, 88%
XYZ	53.8546, 41.5751, 70.8320
YIQ	177.7150, 24.2930, 38.8290

# Conversions

## Conversions Part 2

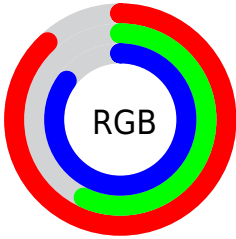
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">225, 146, 217</a>
Decimal	<a href="#">14783193</a>
CIELab	<a href="#">70.58, 40.57, -24.02</a>
CIELCh	<a href="#">71, 47.147, 329.365</a>
Yxy	<a href="#">41.5751, 0.3239, 0.2501</a>
Android (android.graphics.Color)	<a href="#">4292973273 (0xFFE192D9)</a>
YUV	<a href="#">177.7150, 19.3675, 41.4689</a>
Hunter-Lab	<a href="#">64.4787, 36.2509, -19.9969</a>

# Details

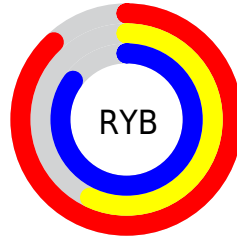
The YUV color **177.7150, 19.3675, 41.4689** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.2850, -19.3675, -41.4689**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3020, 15.6271, 27.7991**, and **123.8780, 18.7941, 38.6950** is the 20% darker color. If you saturate the color by 10%, you get **163.9860, 25.1499, 53.5093**, and if you desaturate by 10%, it is **191.4440, 13.5851, 29.4286**.

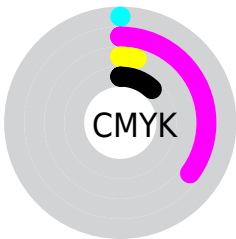
# Distribution



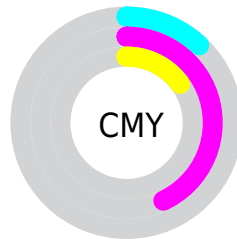
- Red (88%)
- Green (57%)
- Blue (85%)



- Red (88%)
- Yellow (57%)
- Blue (85%)



- Cyan (0%)
- Magenta (35%)
- Yellow (4%)
- Black (12%)




- Cyan (12%)
- Magenta (43%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 177.7150, 19.3675, 41.4689 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 177.7150, 19.3675, 41.4689 by changing the saturation by 10% instead.





 177.7150, 19.3675,  
41.4689

 177.7150, 19.3675,  
41.4689


255.0000, 0.0000,  
0.0000


 150.0030, 19.2255,  
40.3394


 223.3020, 15.6271,  
27.7991


 123.8780, 18.7941,  
38.6950

 240.3250, 7.2348,  
12.8700

 97.5790, 18.9416,  
38.0802

 71.8670, 18.7996,  
36.9506

 45.6930, 19.3784,  
37.9802

 25.9050, 17.7948,  
32.5323

 17.4170, 11.1334,

22.4363

■ 2.5250, 7.1362,  
-2.2144

■ 0.0000, 0.0000,  
0.0000

■ 177.7150, 19.3675,  
41.4689

■ 177.7150, 19.3675,  
41.4689

■ 163.9860, 25.1499,  
53.5093

■ 191.4440, 13.5851,  
29.4286

■ 150.7300, 30.2061,  
65.1348

■ 204.7000, 8.5289,  
17.8031

■ 137.0010, 35.9885,  
77.1751

■ 218.4290, 2.7465,  
5.7628

■ 123.8590, 41.4815,  
88.7007

■ 231.5710, -2.7465,  
-5.7628

■ 110.1300, 47.2639,  
100.7410

■ 242.9520, -7.3713,  
-15.7439

■ 96.8740, 52.3201,  
112.3665

■ 243.2940, -6.0609,  
-16.0438

■ 90.3030, 55.0666,  
118.1293

■ 243.5220, -5.1873,  
-16.2438

■ 243.7500, -4.3137,  
-16.4437

■ 244.0920, -3.0034,  
-16.7437

# Harmonies

## Analogous

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



175.5770, 35.2115, -0.5060



177.7150, 19.3675, 41.4689



175.4180, -0.2061, 66.2854

# Triad

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



177.7150, 19.3675, 41.4689



169.2800, -41.5500, 26.9414



138.1600, 36.8961, -121.1663

# Complementary

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



177.7150, 19.3675, 41.4689



193.2850, -19.3675, -41.4689

# 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.



133.8450, 17.8244, -117.3821



177.7150, 19.3675, 41.4689



164.8950, -34.4582, -7.8009

# Square

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



177.7150, 19.3675, 41.4689



171.4650, -35.2322, 53.9662



157.3920, -14.9833, -47.7018



138.4000, 53.0468, -121.3768



# Rectangle

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



177.7150, 19.3675, 41.4689



174.1830, -13.8942, 69.9995



157.3920, -14.9833, -47.7018



137.2650, 30.9284, -120.3814

# Sweetspot

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



177.7150, 19.3675, 41.4689



238.2220, 6.7926, 14.7143



157.3980, 33.3278, -2.9800



117.7930, 4.0461, 8.9515



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.



177.7150, 19.3675, 41.4689



190.9370, 26.1601, 56.1833



173.2690, 2.3324, 45.3681



105.4290, 2.7465, 5.7628



70.6360, 43.0705, 92.4042



19.3680, 12.1436, 25.1103



# Inverse Universe

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



177.7150, 19.3675, 41.4689



190.9370, 26.1601, 56.1833



197.7310, -2.3324, -45.3681



105.4290, 2.7465, 5.7628



70.6360, 43.0705, 92.4042

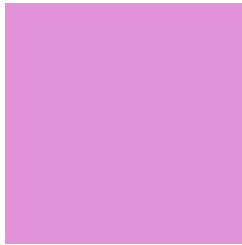


19.3680, 12.1436, 25.1103



# Previews

## White Background



This preview shows how the YUV color 177.7150, 19.3675, 41.4689 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

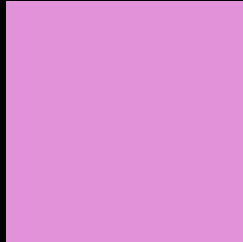
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 177.7150, 19.3675, 41.4689 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

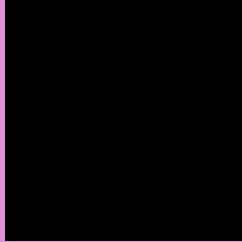
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 177.7150, 19.3675, 41.4689

## Background



This preview shows how black text looks on a background with the YUV color 177.7150, 19.3675, 41.4689.



This preview shows how white text looks on a background with the YUV color 177.7150, 19.3675,

41.4689.

# 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

177.7150, 19.3675, 41.4689

### Protanopia

173.2130, 30.4610, -16.8498

### Deuteranopia

174.3150, 19.0717, -3.7843



## Tritanopia

176.2050, -4.0451, 37.5312

# Trichromacy



## Original Color

177.7150, 19.3675, 41.4689



## Protanomaly

174.9060, 26.1753, 4.4674



## Deuteranomaly

175.7130, 18.8755, 12.5297



## Tritanomaly

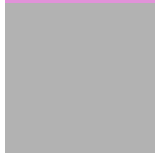
176.5070, 4.6800, 39.0204

# Monochromacy



## Original Color

177.7150, 19.3675, 41.4689



## Achromatopsia

178.0000, 0.0000, 0.0000



## Achromatomaly

177.6350, 7.0819, 15.2291

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.7150, 19.3675, 41.4689 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(225, 146, 217)` looks like.

```
.text, #text, p{  
    color:rgb(225, 146, 217)  
}
```

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(225, 146, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 146, 217) }
```

## Border

The CSS property to change the border of an element to YUV 177.7150, 19.3675, 41.4689 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(225, 146, 217) }
```



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

```
.border{ border-color:rgb(225, 146, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 146, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 146, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 146, 217);  
box-shadow:4px 4px 4px 4px rgb(225, 146,  
217) }
```

# Background

The CSS property to change the background color of an element to YUV 177.7150, 19.3675, 41.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 146, 217) }
```

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

```
.background{ background-color: rgb(225,  
146, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor