

# Converting Colors

YUV(190.5480, 12.5478,  
35.4764)

Have a look what the booklet for  
YUV(190.5480, 12.5478, 35.4764)  
contains.

<b>YUV(190.5480, 12.5478, 35.4764)</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(190.5480, 12.5478,  
35.4764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7A5D8
RGB	231, 165, 216
RGB Percent	91%, 65%, 85%
CMY	0.0941, 0.3529, 0.1529
CMYK	0.00, 0.29, 0.06, 0.09
HSL	314°, 58%, 78%
HSV	314°, 29%, 91%
XYZ	58.8048, 48.8571, 71.2968
YIQ	190.5480, 22.9650, 29.8530

# Conversions

## Conversions Part 2

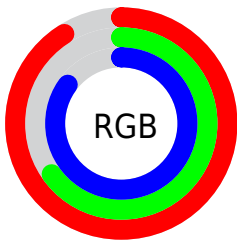
Format	Color
R <sub>Y</sub> B	231, 165, 216
Decimal	15181272
CIE Lab	75.36, 32.25, -16.15
CIE LCh	75, 36.067, 333.395
Yxy	48.8571, 0.3286, 0.2730
Android (android.graphics.Color)	4293371352 (0xFFE7A5D8)
YUV	190.5480, 12.5478, 35.4764
Hunter-Lab	69.8978, 27.8502, -11.5481

# Details

The YUV color **190.5480, 12.5478, 35.4764** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **205.4520, -12.5478, -35.4764**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0420, 9.8393, 17.5032**, and **136.4230, 12.1165, 33.8320** is the 20% darker color. If you saturate the color by 10%, you get **176.4770, 17.0198, 47.8167**, and if you desaturate by 10%, it is **204.6190, 8.0758, 23.1361**.

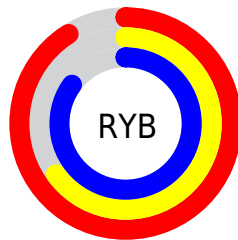
# Distribution



Red (91%)

Green (65%)

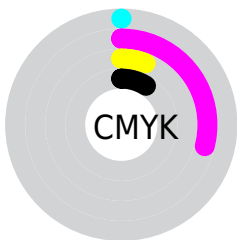
Blue (85%)



Red (91%)

Yellow (65%)

Blue (85%)

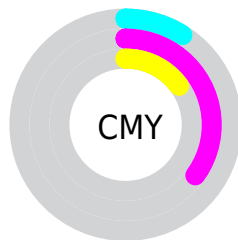


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (35%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 190.5480, 12.5478, 35.4764 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 190.5480, 12.5478, 35.4764 by changing the saturation by 10% instead.




 190.5480, 12.5478,  
35.4764


 190.5480, 12.5478,  
35.4764


255.0000, 0.0000,  
0.0000


 162.8360, 12.4059,  
34.3468


 235.0420, 9.8393,  
17.5032


 136.4230, 12.1165,  
33.8320

 251.4780, 1.7363,  
3.0888

 110.4120, 12.1219,  
32.0877

 85.5860, 11.5431,  
31.0581

 60.9880, 11.8379,  
29.8285

 36.2160, 12.7115,  
29.6286

 18.6130, 10.5438,

24.8954

■ 8.0320, 4.9142,  
10.4959

■ 0.0000, 0.0000,  
0.0000

■ 190.5480, 12.5478,  
35.4764

■ 190.5480, 12.5478,  
35.4764

■ 176.4770, 17.0198,  
47.8167

■ 204.6190, 8.0758,  
23.1361

■ 162.2920, 21.0550,  
60.2569

■ 218.8040, 4.0406,  
10.6959

■ 148.2210, 25.5270,  
72.5972

■ 232.8750, -0.4314,  
-1.6444

■ 134.1500, 29.9990,  
84.9374

■ 245.7720, -4.3246,  
-12.9550

■ 120.0790, 34.4711,  
97.2777

■ 246.3420, -2.1406,  
-13.4549

■ 105.3070, 38.7956,  
110.2328

■ 247.0260, 0.4802,  
-14.0548

■ 91.2360, 43.2677,  
122.5730

■ 247.5960, 2.6642,  
-14.5547

■ 89.3610, 43.6990,  
124.2174

■ 247.8240, 3.5378,  
-14.7546

# Harmonies

## Analogous

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



189.0910, 25.5911, 5.1822



190.5480, 12.5478, 35.4764



189.2330, -3.0729, 52.4157

# Triad

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



190.5480, 12.5478, 35.4764



183.4560, -31.7768, 18.8941



163.8010, 28.1991, -84.8945

# Complementary

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



190.5480, 12.5478, 35.4764



205.4520, -12.5478, -35.4764

# 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.



168.0900, 9.8156, -68.4849



190.5480, 12.5478, 35.4764



179.7020, -24.9961, -9.3857

# Square

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



190.5480, 12.5478, 35.4764



185.6960, -28.9371, 41.4856



174.5270, -9.6268, -39.0502



171.5610, 35.7124, -68.0210



# Rectangle

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



190.5480, 12.5478, 35.4764



188.4970, -13.5560, 54.8151



174.5270, -9.6268, -39.0502



164.1450, 23.0995, -82.5652

# Sweetspot

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



190.5480, 12.5478, 35.4764



240.9290, 4.4720, 12.3403



176.7100, 26.7650, 2.0083



118.7390, 2.5937, 8.1219



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.



190.5480, 12.5478, 35.4764



201.6510, 16.4411, 46.7871



186.9000, -1.4297, 38.6757



107.6140, 2.1623, 6.4775



69.2530, 33.8923, 96.2481



19.6950, 9.5174, 27.4545



# Inverse Universe

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



190.5480, 12.5478, 35.4764



201.6510, 16.4411, 46.7871



209.1000, 1.4297, -38.6757



107.6140, 2.1623, 6.4775



69.2530, 33.8923, 96.2481



19.6950, 9.5174, 27.4545



# Previews

## White Background



This preview shows how the YUV color 190.5480, 12.5478, 35.4764 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

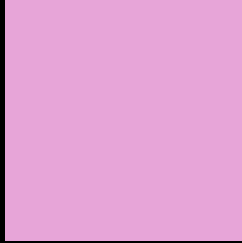
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.5480, 12.5478, 35.4764 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

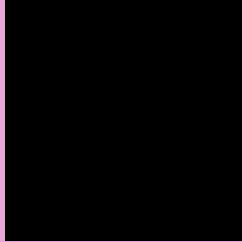
Any Text WCAG AA ✓ Pass

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 190.5480, 12.5478, 35.4764 Background



This preview shows how black text looks on a background with the YUV color 190.5480, 12.5478, 35.4764.



This preview shows how white text looks on a background with the YUV color 190.5480, 12.5478,

35.4764.

# 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

190.5480, 12.5478, 35.4764

### Protanopia

186.7380, 20.8352, -9.4172

### Deuteranopia

187.6380, 12.5035, 2.9485



## Tritanopia

189.2260, -2.5764, 33.1278

# Trichromacy



## Original Color

190.5480, 12.5478, 35.4764



## Protanomaly

188.0390, 17.7288, 6.9818



## Deuteranomaly

188.7150, 12.4655, 15.1589



## Tritanomaly

189.7190, 3.0965, 33.5724

# Monochromacy



## Original Color

190.5480, 12.5478, 35.4764



## Achromatopsia

191.0000, 0.0000, 0.0000



## Achromatomaly

191.2280, 4.3246, 12.9550

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.5480, 12.5478, 35.4764 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(231, 165, 216)` looks like.

```
.text, #text, p{  
    color:rgb(231, 165, 216)  
}
```

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(231, 165, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 165, 216) }
```

## Border

The CSS property to change the border of an element to YUV 190.5480, 12.5478, 35.4764 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(231, 165, 216) }
```



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

```
.border{ border-color:rgb(231, 165, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 165, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 165, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 165, 216);  
box-shadow:4px 4px 4px 4px rgb(231, 165,  
216) }
```

# Background

The CSS property to change the background color of an element to YUV 190.5480, 12.5478, 35.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 165, 216) }
```

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

```
.background{ background-color: rgb(231,  
165, 216) }
```

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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