

Converting Colors

YUV(193.0090, 16.7576,
38.5801)

Have a look what the booklet for
YUV(193.0090, 16.7576, 38.5801)
contains.

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Color

**YUV(193.0090, 16.7576,
38.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA4E3
RGB	237, 164, 227
RGB Percent	93%, 64%, 89%
CMY	0.0706, 0.3569, 0.1098
CMYK	0.00, 0.31, 0.04, 0.07
HSL	308°, 67%, 79%
HSV	308°, 31%, 93%
XYZ	62.0656, 50.1015, 79.0724
YIQ	193.0090, 23.2850, 35.0690

Conversions

Conversions Part 2

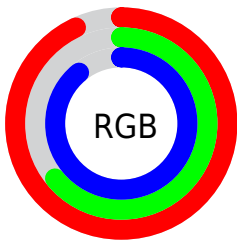
Format	Color
R _Y B	237, 164, 227
Decimal	15574243
CIE Lab	76.13, 36.67, -20.92
CIE LCh	76, 42.216, 330.289
Yxy	50.1015, 0.3245, 0.2620
Android (android.graphics.Color)	4293764323 (0xFFEDA4E3)
YUV	193.0090, 16.7576, 38.5801
Hunter-Lab	70.7824, 32.6487, -16.6863

Details

The YUV color **193.0090, 16.7576, 38.5801** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **207.9910, -16.7576, -38.5801**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **138.5850, 16.4736, 36.3210** is the 20% darker color. If you saturate the color by 10%, you get **178.5790, 22.3926, 51.2352**, and if you desaturate by 10%, it is **207.4390, 11.1226, 25.9250**.

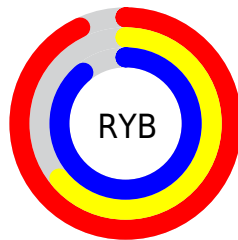
Distribution



Red (93%)

Green (64%)

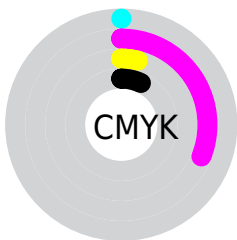
Blue (89%)



Red (93%)

Yellow (64%)

Blue (89%)

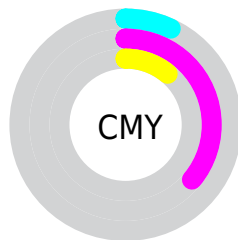


Cyan (0%)

Magenta (31%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.0090, 16.7576, 38.5801 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 193.0090, 16.7576, 38.5801 by changing the saturation by 10% instead.


 193.0090, 16.7576,
38.5801


 193.0090, 16.7576,
38.5801


255.0000, 0.0000,
0.0000


 165.2970, 16.6156,
37.4505


 234.4550, 10.1287,
18.0180


 138.5850, 16.4736,
36.3210

 251.4780, 1.7363,
3.0888

 112.7590, 15.8948,
35.2914

 87.0470, 15.7528,
34.1618

 61.7480, 15.9002,
33.5470

 35.6880, 16.9158,
34.4766

 20.4220, 13.5960,

25.9399

■ 11.1510, 7.8136,
13.8996

■ 0.0000, 0.0000,
0.0000

■ 193.0090, 16.7576,
38.5801

■ 193.0090, 16.7576,
38.5801

■ 178.5790, 22.3926,
51.2352

■ 207.4390, 11.1226,
25.9250

■ 164.7360, 27.7382,
63.3755

■ 221.2820, 5.7770,
13.7847

■ 150.1920, 32.9363,
76.1306

■ 235.8260, 0.5788,
1.0296

■ 135.7620, 38.5713,
88.7857

■ 247.9080, -3.8986,
-9.5663

121.3320, 44.2063,
101.4408

248.2500, -2.5882,
-9.8663

107.4890, 49.5519,
113.5811

248.5920, -1.2779,
-10.1662

94.2330, 54.6081,
125.2067

249.0480, 0.4693,
-10.5661

249.3900, 1.7797,
-10.8660

249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



190.3770, 31.8591, 1.4234



193.0090, 16.7576, 38.5801



189.9500, -0.4683, 57.0489

Triad

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



193.0090, 16.7576, 38.5801



185.2950, -37.6134, 24.2973



147.2730, 38.8124, -129.1584

Complementary

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



193.0090, 16.7576, 38.5801



207.9910, -16.7576, -38.5801

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.



163.7460, 11.4642, -83.9692



193.0090, 16.7576, 38.5801



180.6330, -30.3851, -7.5711

Square

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



193.0090, 16.7576, 38.5801



187.7140, -32.8900, 49.3628



174.5820, -13.1049, -43.4834



163.0780, 44.8245, -97.4154

Rectangle

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



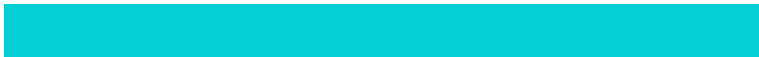
193.0090, 16.7576, 38.5801



187.5730, -12.1145, 59.1335



174.5820, -13.1049, -43.4834



147.8730, 32.1076, -125.2996

Sweetspot

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



193.0090, 16.7576, 38.5801



241.1570, 5.3456, 12.1403



175.3120, 30.4122, -1.1506



118.9670, 3.4673, 7.9219



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.



193.0090, 16.7576, 38.5801



198.3400, 21.5244, 49.6908



188.9050, 1.0328, 42.1793



110.4290, 2.7465, 5.7628



71.9030, 41.4598, 95.6781



21.3900, 12.1327, 28.5990

Inverse Universe

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



193.0090, 16.7576, 38.5801



198.3400, 21.5244, 49.6908



212.0950, -1.0328, -42.1793



110.4290, 2.7465, 5.7628



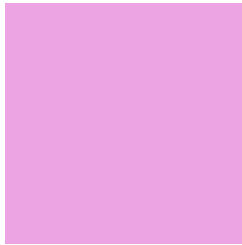
71.9030, 41.4598, 95.6781



21.3900, 12.1327, 28.5990

Previews

White Background



This preview shows how the YUV color 193.0090, 16.7576, 38.5801 looks on a white background.

Color Contrast Check

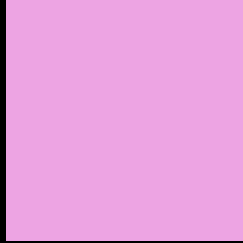
Large Text (above 18pt) WCAG AA × Fail

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 193.0090, 16.7576, 38.5801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

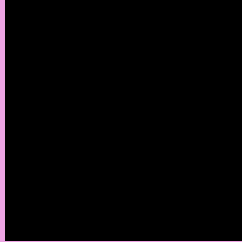
Any Text WCAG AA ✓ Pass

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 193.0090, 16.7576, 38.5801 Background



This preview shows how black text looks on a background with the YUV color 193.0090, 16.7576, 38.5801.



This preview shows how white text looks on a background with the YUV color 193.0090, 16.7576,

38.5801.

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

193.0090, 16.7576, 38.5801

Protanopia

188.4970, 26.3770, -13.5909

Deuteranopia

189.9410, 16.2981, -0.8253



Tritanopia

191.4220, -3.1660, 35.5869

Trichromacy



Original Color

193.0090, 16.7576, 38.5801



Protanomaly

190.1080, 23.1178, 5.1673



Deuteranomaly

191.0290, 16.2547, 13.1296



Tritanomaly

191.9690, 3.9593, 36.8612

Monochromacy



Original Color

193.0090, 16.7576, 38.5801



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

192.6950, 6.0664, 14.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0090, 16.7576, 38.5801 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(237, 164, 227)` looks like.

```
.text, #text, p{  
    color:rgb(237, 164, 227)  
}
```

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(237, 164, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 164, 227) }
```

Border

The CSS property to change the border of an element to YUV 193.0090, 16.7576, 38.5801 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(237, 164, 227) }
```


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

```
.border{ border-color:rgb(237, 164, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 164, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 164, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 164, 227);  
box-shadow:4px 4px 4px 4px rgb(237, 164,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 193.0090, 16.7576, 38.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 164, 227) }
```

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

```
.background{ background-color: rgb(237,  
164, 227) }
```

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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