

Converting Colors

YUV(176.4700, 4.2053, 51.3308)

Have a look what the booklet for
YUV(176.4700, 4.2053, 51.3308)
contains.

YUV(176.4700, 4.2053, 51.3308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.4700, 4.2053,
51.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	EB91B9
RGB	235, 145, 185
RGB Percent	92%, 57%, 73%
CMY	0.0784, 0.4314, 0.2745
CMYK	0.00, 0.38, 0.21, 0.08
HSL	333°, 69%, 75%
HSV	333°, 38%, 92%
XYZ	53.1433, 41.4157, 51.0920
YIQ	176.4700, 40.8000, 31.5200

Conversions

Conversions Part 2

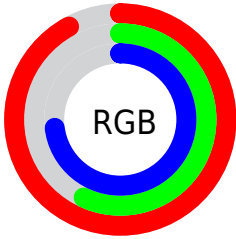
Format	Color
R_{YB}	235, 145, 185
Decimal	15438265
CIE Lab	70.47, 39.21, -6.34
CIE LCh	70, 39.723, 350.822
Yxy	41.4157, 0.3649, 0.2843
Android (android.graphics.Color)	4293628345 (0xFFEB91B9)
YUV	176.4700, 4.2053, 51.3308
Hunter-Lab	64.3551, 34.7809, -2.0223

Details

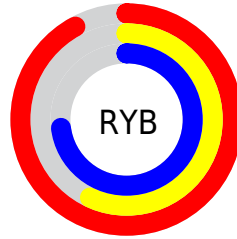
The YUV color **176.4700, 4.2053, 51.3308** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.5300, -4.2053, -51.3308**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1190, 9.8013, 29.7136**, and **122.5620, 4.6529, 47.7421** is the 20% darker color. If you saturate the color by 10%, you get **161.4870, 5.1829, 64.4709**, and if you desaturate by 10%, it is **192.0400, 2.9383, 37.6759**.

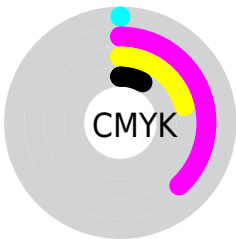
Distribution



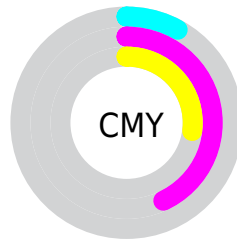
- Red (92%)
- Green (57%)
- Blue (73%)



- Red (92%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (8%)



- Cyan (8%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.4700, 4.2053, 51.3308 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 176.4700, 4.2053, 51.3308 by changing the saturation by 10% instead.


 176.4700, 4.2053,
51.3308


 176.4700, 4.2053,
51.3308

255.0000, 0.0000,
0.0000

 148.8720, 4.5001,
50.1013


 221.1190, 9.8013,
29.7136


 122.5620, 4.6529,
47.7421

 239.7380, 7.5242,
13.3848

 96.3770, 5.2371,
47.0274

 70.5940, 6.1162,
45.0831

 43.7620, 8.0053,
45.8127

 25.2620, 6.2798,
39.2352

 16.2900, 0.3500,

27.8097

■ 0.0000, 0.0000,
0.0000

■ 176.4700, 4.2053,
51.3308

■ 176.4700, 4.2053,
51.3308

■ 161.4870, 5.1829,
64.4709

■ 192.0400, 2.9383,
37.6759

■ 145.9170, 6.4499,
78.1258

■ 207.0230, 1.9607,
24.5358

■ 130.9340, 7.4275,
91.2659

■ 222.0060, 0.9830,
11.3957

■ 115.3640, 8.6945,
104.9208

■ 237.5760, -0.2840,
-2.2592

■ 99.7940, 9.9616,
118.5757

■ 248.4500, 0.7642,
-11.7956

■ 84.8110, 10.9392,
131.7158

■ 249.0200, 2.9481,
-12.2955

■ 82.1210, 10.7863,
134.0749

Harmonies

Analogous

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



177.1430, 20.1425, 26.1846



176.4700, 4.2053, 51.3308



174.6440, -13.1355, 59.9482

Triad

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



176.4700, 4.2053, 51.3308



167.0580, -31.5806, 2.5801



139.5230, 43.1262, -112.7147

Complementary

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



176.4700, 4.2053, 51.3308



203.5300, -4.2053, -51.3308

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.



134.5750, 30.7755, -118.0223



176.4700, 4.2053, 51.3308



162.0030, -18.2425, -28.9436

Square

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



176.4700, 4.2053, 51.3308



170.5500, -34.2882, 31.0896



154.2770, 2.8214, -65.1409



162.0770, 39.8950, -56.1955

Rectangle

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



176.4700, 4.2053, 51.3308



173.3910, -22.8708, 55.7851



154.2770, 2.8214, -65.1409



135.7950, 40.5271, -119.0922

Sweetspot

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



176.4700, 4.2053, 51.3308



236.7400, 1.1142, 16.0140



169.9110, 32.0889, 21.1261



116.8810, 0.5517, 9.7514



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.



176.4700, 4.2053, 51.3308



178.9110, 5.4669, 66.7301



174.2580, -14.4242, 53.2707



109.8590, 0.5625, 6.2627



63.2390, 8.2632, 103.2764



18.8820, 2.5232, 30.7985

Inverse Universe

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



176.4700, 4.2053, 51.3308



178.9110, 5.4669, 66.7301



205.7420, 14.4242, -53.2707



109.8590, 0.5625, 6.2627



63.2390, 8.2632, 103.2764



18.8820, 2.5232, 30.7985

Previews

White Background



This preview shows how the YUV color 176.4700, 4.2053, 51.3308 looks on a white background.

Color Contrast Check

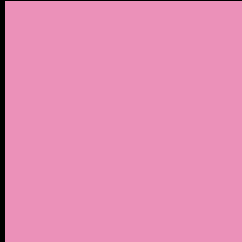
Large Text (above 18pt) WCAG AA × Fail

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 176.4700, 4.2053, 51.3308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

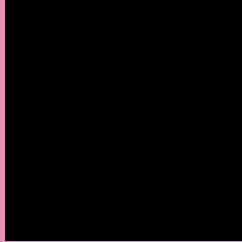
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.4700, 4.2053, 51.3308

Background



This preview shows how black text looks on a background with the YUV color 176.4700, 4.2053, 51.3308.



This preview shows how white text looks on a background with the YUV color 176.4700, 4.2053,

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

176.4700, 4.2053, 51.3308

Protanopia

173.3380, 14.1304, -5.5584

Deuteranopia

174.8640, 3.0250, 9.7663



Tritanopia

175.1850, -6.9932, 49.8268

Trichromacy



Original Color

176.4700, 4.2053, 51.3308



Protanomaly

174.8460, 10.4289, 15.0441



Deuteranomaly

175.6640, 3.1236, 24.8507



Tritanomaly

175.9230, -2.9200, 50.0565

Monochromacy



Original Color

176.4700, 4.2053, 51.3308



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.1640, 1.3981, 18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4700, 4.2053, 51.3308 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(235, 145, 185)` looks like.

```
.text, #text, p{  
    color:rgb(235, 145, 185)  
}
```

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(235, 145, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 145, 185) }
```

Border

The CSS property to change the border of an element to YUV 176.4700, 4.2053, 51.3308 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(235, 145, 185) }
```


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

```
.border{ border-color:rgb(235, 145, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 145, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 145, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 145, 185);  
box-shadow:4px 4px 4px 4px rgb(235, 145,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 176.4700, 4.2053, 51.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 145, 185) }
```

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

```
.background{ background-color: rgb(235,  
145, 185) }
```

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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