

Converting Colors

YUV(165.3800, 34.3227,
51.4097)

Have a look what the booklet for
YUV(165.3800, 34.3227, 51.4097)
contains.

YUV(165.3800, 34.3227, 51.4097)	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(165.3800, 34.3227,
51.4097)**

Conversions

Conversions Part 1

Format	Color
Hex	E07AEB
RGB	224, 122, 235
RGB Percent	88%, 48%, 92%
CMY	0.1216, 0.5216, 0.0784
CMYK	0.05, 0.48, 0.00, 0.08
HSL	294°, 74%, 70%
HSV	294°, 48%, 92%
XYZ	52.6954, 35.7645, 82.7232
YIQ	165.3800, 24.5190, 56.7670

Conversions

Conversions Part 2

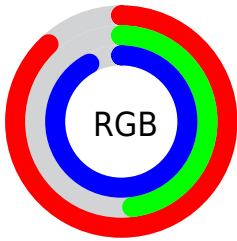
Format	Color
RYB	224, 122, 235
Decimal	14711531
CIELab	66.34, 55.84, -40.53
CIELCh	66, 69.000, 324.027
Yxy	35.7645, 0.3078, 0.2089
Android (android.graphics.Color)	4292901611 (0xFFE07AEB)
YUV	165.3800, 34.3227, 51.4097
Hunter-Lab	59.8034, 52.6280, -40.1505

Details

The YUV color **165.3800, 34.3227, 51.4097** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **191.6200, -34.3227, -51.4097**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 22.5725, 40.1543**, and **109.9560, 34.0387, 49.1506** is the 20% darker color. If you saturate the color by 10%, you get **150.6940, 41.5629, 62.5354**, and if you desaturate by 10%, it is **180.0660, 27.0825, 40.2841**.

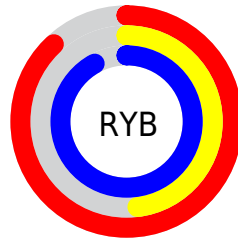
Distribution



Red (88%)

Green (48%)

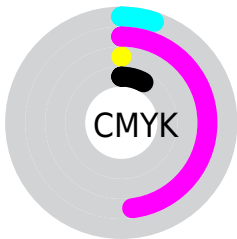
Blue (92%)



Red (88%)

Yellow (48%)

Blue (92%)

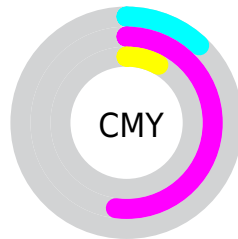


Cyan (5%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (12%)


Magenta (52%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.3800, 34.3227, 51.4097 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 165.3800, 34.3227, 51.4097 by changing the saturation by 10% instead.


 165.3800, 34.3227,
51.4097


 165.3800, 34.3227,
51.4097


255.0000, 0.0000,
0.0000

 137.6680, 34.1807,
50.2802


 209.2140, 22.5725,
40.1543


 109.9560, 34.0387,
49.1506


 226.2370, 14.1802,
25.2252

 81.7820, 34.6175,
50.1802

 243.2600, 5.7878,
10.2960

 47.4390, 38.2376,
55.7430

 36.5160, 31.2976,
41.6435

 25.8920, 24.2102,
28.1587

 16.0940, 17.7017,

15.7036

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 165.3800, 34.3227,
51.4097

■ 165.3800, 34.3227,
51.4097

■ 150.6940, 41.5629,
62.5354

■ 180.0660, 27.0825,
40.2841

■ 136.2960, 48.6611,
72.5314

■ 194.4640, 19.9842,
30.2881

■ 122.1970, 55.6119,
83.1422

■ 209.1500, 12.7440,
19.1624

■ 107.5110, 62.8521,
94.2679

■ 223.2490, 5.7932,
8.5516

92.8250, 70.0923,
105.3935

237.9350, -1.4470,
-2.5740

90.1780, 71.3972,
106.8379

247.6370, -6.2300,
-8.4516

248.2350, -6.5249,
-7.2221

248.8330, -6.8197,
-5.9925

249.7300, -7.2619,
-4.1482

Harmonies

Analogous

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



158.0830, 47.7801, -18.4898



165.3800, 34.3227, 51.4097



155.5960, 10.0592, 87.1773

Triad

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



165.3800, 34.3227, 51.4097



152.2780, -68.6641, 43.6062



135.4700, 36.7433, -118.8072

Complementary

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



165.3800, 34.3227, 51.4097



191.6200, -34.3227, -51.4097

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.



127.5870, 9.0776, -111.8938



165.3800, 34.3227, 51.4097



147.9130, -58.6241, -3.4317

Square

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



165.3800, 34.3227, 51.4097



156.4160, -47.5331, 79.4422



134.0290, -24.6643, -69.3084



137.6650, 57.8462, -120.7322

Rectangle

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



165.3800, 34.3227, 51.4097



150.9220, -7.8495, 91.2764



134.0290, -24.6643, -69.3084



133.1900, 28.0073, -116.8076

Sweetspot

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



165.3800, 34.3227, 51.4097



232.9710, 10.8603, 16.6884



141.3390, 46.1749, -16.9603



114.1890, 6.8088, 9.4812



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.



165.3800, 34.3227, 51.4097



163.9380, 44.8936, 67.5834



163.5390, 13.0453, 62.6713



110.2440, 3.3307, 5.0480



69.3710, 55.0331, 82.1126



20.5080, 16.5116, 24.1105

Inverse Universe

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



157.0410, -11.8522, 68.3700



152.8480, -15.7011, 89.5873



193.4610, -13.0453, -62.6713



109.4030, -1.1847, 6.6626



56.1710, -18.8183, 109.4750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 165.3800, 34.3227, 51.4097 looks on a white background.

Color Contrast Check

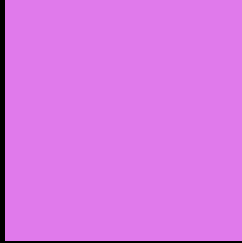
Large Text (above 18pt) WCAG AA × Fail

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 165.3800, 34.3227, 51.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

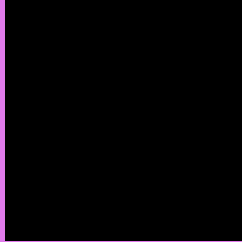
Any Text WCAG AA ✓ Pass

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 165.3800, 34.3227, 51.4097 Background



This preview shows how black text looks on a background with the YUV color 165.3800, 34.3227, 51.4097.



This preview shows how white text looks on a background with the YUV color 165.3800, 34.3227, 51.4097.

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

165.3800, 34.3227, 51.4097

Protanopia

159.7780, 46.9444, -30.5003

Deuteranopia

161.1740, 32.9452, -20.3236



Tritanopia

164.3690, -6.0979, 42.6494

Trichromacy



Original Color

165.3800, 34.3227, 51.4097



Protanomaly

162.1130, 42.3423, -0.9761



Deuteranomaly

162.5670, 33.7375, 5.6417



Tritanomaly

164.8760, 8.4421, 45.7127

Monochromacy



Original Color

165.3800, 34.3227, 51.4097



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.7370, 12.4547, 18.6477

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3800, 34.3227, 51.4097 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(224, 122, 235)` looks like.

```
.text, #text, p{  
    color:rgb(224, 122, 235)  
}
```

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(224, 122, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 122, 235) }
```

Border

The CSS property to change the border of an element to YUV 165.3800, 34.3227, 51.4097 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(224, 122, 235) }
```


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

```
.border{ border-color:rgb(224, 122, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 122, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 122, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 122, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 122,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 165.3800, 34.3227, 51.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 122, 235) }
```

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

```
.background{ background-color: rgb(224,  
122, 235) }
```

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