

Converting Colors

YUV(138.3800, 4.2497, 83.8587)

Have a look what the booklet for
YUV(138.3800, 4.2497, 83.8587)
contains.

YUV(138.3800, 4.2497, 83.8587)	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(138.3800, 4.2497,
83.8587)**

Conversions

Conversions Part 1

Format	Color
Hex	EA5893
RGB	234, 88, 147
RGB Percent	92%, 35%, 58%
CMY	0.0824, 0.6549, 0.4235
CMYK	0.00, 0.62, 0.37, 0.08
HSL	336°, 78%, 63%
HSV	336°, 62%, 92%
XYZ	42.6879, 26.5785, 30.4840
YIQ	138.3800, 68.0770, 49.3010

Conversions

Conversions Part 2

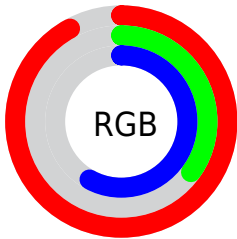
Format	Color
R_{YB}	234, 88, 147
Decimal	15358099
CIE _{Lab}	58.58, 61.43, -2.25
CIE _{LCh}	59, 61.472, 357.904
Yxy	26.5785, 0.4279, 0.2664
Android (android.graphics.Color)	4293548179 (0xFFEA5893)
YUV	138.3800, 4.2497, 83.8587
Hunter-Lab	51.5543, 57.5811, 1.0299

Details

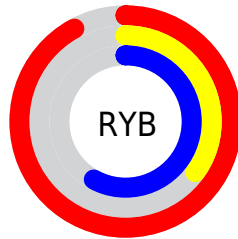
The YUV color **138.3800, 4.2497, 83.8587** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **183.6200, -4.2497, -83.8587**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2740, 8.2459, 62.0267**, and **75.9980, 10.3540, 85.9478** is the 20% darker color. If you saturate the color by 10%, you get **123.2830, 4.7905, 97.0988**, and if you desaturate by 10%, it is **153.4770, 3.7088, 70.6187**.

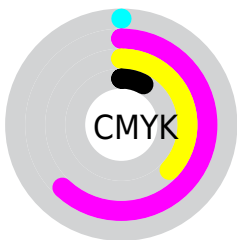
Distribution



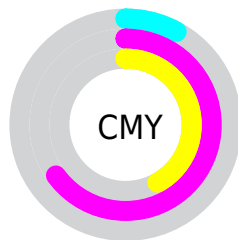
- Red (92%)
- Green (35%)
- Blue (58%)



- Red (92%)
- Yellow (35%)
- Blue (58%)



- Cyan (0%)
- Magenta (62%)
- Yellow (37%)
- Black (8%)



- Cyan (8%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.3800, 4.2497, 83.8587 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 138.3800, 4.2497, 83.8587 by changing the saturation by 10% instead.


 138.3800, 4.2497,
83.8587


 138.3800, 4.2497,
83.8587


255.0000, 0.0000,
0.0000


 108.8360, 5.9969,
83.4588


 184.2740, 8.2459,
62.0267


 75.9980, 10.3540,
85.9478


 203.9020, 12.3733,
44.8129


 51.3780, 10.6596,
81.2295

 223.8890, 15.3377,
27.2843

 40.1990, 5.3249,
65.6005

 240.9120, 6.9454,
12.3552

 29.4330, 0.2795,
50.4863

 18.5810, -7.6814,
37.2015

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 138.3800, 4.2497,
83.8587

■ 138.3800, 4.2497,
83.8587

■ 123.2830, 4.7905,
97.0988

■ 153.4770, 3.7088,
70.6187

■ 107.5990, 5.6207,
110.8537

■ 169.1610, 2.8786,
56.8638

■ 92.5020, 6.1615,
124.0937

■ 184.2580, 2.3378,
43.6237

■ 80.7960, 7.0026,
134.3599

■ 199.9420, 1.5076,
29.8689

■ 215.0390, 0.9668,
16.6288

■ 230.1360, 0.4260,
3.3887

■ 245.8200, -0.4043,
-10.3661

■ 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



144.1320, 27.0499, 50.7502



138.3800, 4.2497, 83.8587



136.1590, -20.7844, 86.6836

Triad

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



138.3800, 4.2497, 83.8587



128.2680, -46.9671, -9.0050



120.9550, 54.7452, -106.0775

Complementary

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



138.3800, 4.2497, 83.8587



183.6200, -4.2497, -83.8587

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.



119.1020, 34.9527, -104.4525



138.3800, 4.2497, 83.8587



113.1840, -16.3597, -72.9524

Square

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



138.3800, 4.2497, 83.8587



132.9160, -59.6116, 33.3997



112.8320, 10.9288, -98.9537



115.2620, 65.9328, -101.0848

Rectangle

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



138.3800, 4.2497, 83.8587



136.8420, -36.8971, 74.6836



112.8320, 10.9288, -98.9537



120.7610, 48.9248, -105.9074

Sweetspot

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



138.3800, 4.2497, 83.8587



223.5180, 1.2236, 27.6097



130.0590, 51.2429, 37.6593



108.3380, 0.8194, 17.2436



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.



138.3800, 4.2497, 83.8587



129.8870, 5.4787, 109.7241



138.6980, -24.9941, 83.5799



109.7450, 0.1257, 6.3626



62.4410, 5.2056, 103.9762



18.6540, 1.6496, 30.9984

Inverse Universe

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



138.3800, 4.2497, 83.8587



129.8870, 5.4787, 109.7241



183.3020, 24.9941, -83.5799



109.7450, 0.1257, 6.3626



62.4410, 5.2056, 103.9762



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 138.3800, 4.2497, 83.8587 looks on a white background.

Color Contrast Check

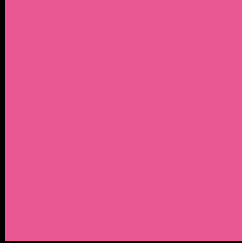
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3800, 4.2497, 83.8587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

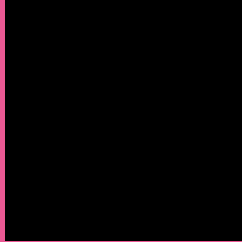
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.3800, 4.2497, 83.8587

Background



This preview shows how black text looks on a background with the YUV color 138.3800, 4.2497, 83.8587.



This preview shows how white text looks on a background with the YUV color 138.3800, 4.2497,

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

138.3800, 4.2497, 83.8587

Protanopia

141.8690, 18.7986, -9.5321

Deuteranopia

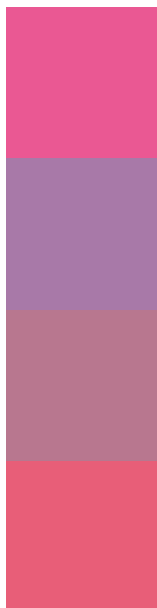
142.7240, -1.3429, 10.7661



Tritanopia

137.8640, -16.6950, 81.6803

Trichromacy



Original Color

138.3800, 4.2497, 83.8587

Protanomaly

140.4110, 13.6014, 24.1956

Deuteranomaly

141.1710, 0.9017, 37.5610

Tritanomaly

138.2260, -8.9854, 82.2398

Monochromacy



Original Color

138.3800, 4.2497, 83.8587

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.2410, 1.3602, 30.4836

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.3800, 4.2497, 83.8587 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(234, 88, 147)` looks like.

```
.text, #text, p{  
    color:rgb(234, 88, 147)  
}
```

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(234, 88, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 88, 147) }
```

Border

The CSS property to change the border of an element to YUV 138.3800, 4.2497, 83.8587 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(234, 88, 147) }
```


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

```
.border{ border-color:rgb(234, 88, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 88, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 88, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 88, 147);  
box-shadow:4px 4px 4px 4px rgb(234, 88,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 138.3800, 4.2497, 83.8587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 88, 147) }
```

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

```
.background{ background-color: rgb(234, 88,  
147) }
```

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