

Converting Colors

YUV(138.1880, 8.7813, 77.0111)

Have a look what the booklet for
YUV(138.1880, 8.7813, 77.0111)
contains.

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Color

**YUV(138.1880, 8.7813,
77.0111)**

Conversions

Conversions Part 1

Format	Color
Hex	E25A9C
RGB	226, 90, 156
RGB Percent	89%, 35%, 61%
CMY	0.1137, 0.6471, 0.3882
CMYK	0.00, 0.60, 0.31, 0.11
HSL	331°, 70%, 62%
HSV	331°, 60%, 89%
XYZ	41.0209, 25.8814, 34.2861
YIQ	138.1880, 59.8700, 49.3580

Conversions

Conversions Part 2

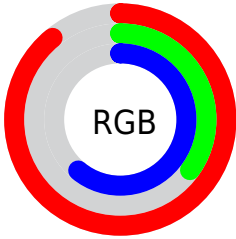
Format	Color
R _Y B	226, 90, 156
Decimal	14834332
CIE Lab	57.92, 59.22, -8.61
CIE LCh	58, 59.839, 351.727
Yxy	25.8814, 0.4054, 0.2558
Android (android.graphics.Color)	4293024412 (0xFFE25A9C)
YUV	138.1880, 8.7813, 77.0111
Hunter-Lab	50.8737, 54.9006, -4.3465

Details

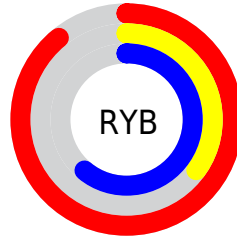
The YUV color **138.1880, 8.7813, 77.0111** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **177.8120, -8.7813, -77.0111**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8870, 11.8877, 60.6121**, and **78.3390, 13.1439, 77.7557** is the 20% darker color. If you saturate the color by 10%, you get **123.3190, 10.1957, 90.0512**, and if you desaturate by 10%, it is **153.0570, 7.3669, 63.9710**.

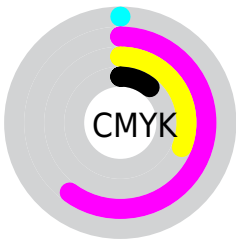
Distribution



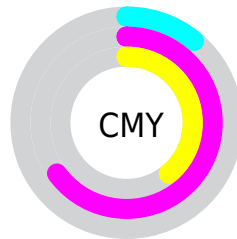
- Red (89%)
- Green (35%)
- Blue (61%)



- Red (89%)
- Yellow (35%)
- Blue (61%)



- Cyan (0%)
- Magenta (60%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (65%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.1880, 8.7813, 77.0111 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 138.1880, 8.7813, 77.0111 by changing the saturation by 10% instead.


 138.1880, 8.7813,
77.0111


 138.1880, 8.7813,
77.0111


255.0000, 0.0000,
0.0000


 109.2310, 10.2391,
76.0964

 185.8870, 11.8877,
60.6121


 78.3390, 13.1439,
77.7557

 205.6290, 16.4519,
43.2984


 50.4960, 15.0385,
76.7410

 224.4760, 15.0483,
26.7695

 39.5020, 9.1195,
61.8267

 241.4990, 6.6560,
11.8404

 28.6220, 3.6374,
46.8125

 18.3400, -2.1396,
33.0278

 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 138.1880, 8.7813,
77.0111

■ 138.1880, 8.7813,
77.0111

■ 123.3190, 10.1957,
90.0512

■ 153.0570, 7.3669,
63.9710

■ 109.1510, 11.7576,
102.4766

■ 167.2250, 5.8051,
51.5457

■ 94.2820, 13.1720,
115.5167

■ 182.0940, 4.3907,
38.5056

■ 80.1140, 14.7338,
127.9420

■ 196.3760, 3.2656,
25.9802

■ 211.1310, 1.4144,
13.0401

■ 226.0000, 0.0000,
0.0000

■ 240.1680, -1.5618,
-12.4253

■ 245.6450, 1.6540,
-17.2287

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



142.9780, 30.5768, 39.4843



138.1880, 8.7813, 77.0111



135.5270, -15.5428, 85.4838

Triad

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



138.1880, 8.7813, 77.0111



128.6390, -49.6150, 0.3166



119.1140, 50.2298, -104.4630

Complementary

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



138.1880, 8.7813, 77.0111



177.8120, -8.7813, -77.0111

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.



116.3320, 29.4163, -102.0232



138.1880, 8.7813, 77.0111



118.9650, -24.1397, -50.8353

Square

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



138.1880, 8.7813, 77.0111



133.2140, -54.8285, 39.2773



109.5890, 6.1186, -96.1096



115.1650, 63.0227, -100.9997

Rectangle

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



138.1880, 8.7813, 77.0111



135.3460, -31.2296, 76.8726



109.5890, 6.1186, -96.1096



118.8060, 43.9726, -104.1929

Sweetspot

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



138.1880, 8.7813, 77.0111



225.2620, 2.8288, 26.0802



125.8360, 49.3809, 28.2078



109.2670, 1.8404, 16.4288



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.



138.1880, 8.7813, 77.0111



136.2760, 12.1889, 104.1209



130.6640, -20.0474, 83.6097



104.8590, 0.5625, 6.2627



62.3140, 11.1842, 99.7026



17.0880, 3.4076, 27.1098

Inverse Universe

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



138.1880, 8.7813, 77.0111



136.1620, 11.7521, 104.2209



185.3360, 20.0474, -83.6097



104.8590, 0.5625, 6.2627



62.3140, 11.1842, 99.7026



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 138.1880, 8.7813, 77.0111 looks on a white background.

Color Contrast Check

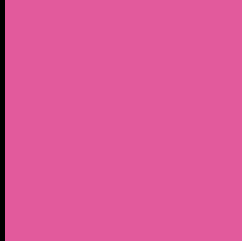
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.1880, 8.7813, 77.0111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

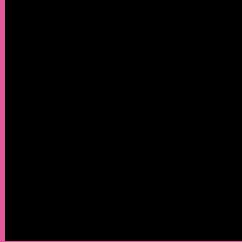
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.1880, 8.7813, 77.0111

Background



This preview shows how black text looks on a background with the YUV color 138.1880, 8.7813, 77.0111.



This preview shows how white text looks on a background with the YUV color 138.1880, 8.7813,

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

138.1880, 8.7813, 77.0111

Protanopia

139.8130, 23.7562, -12.9910

Deuteranopia

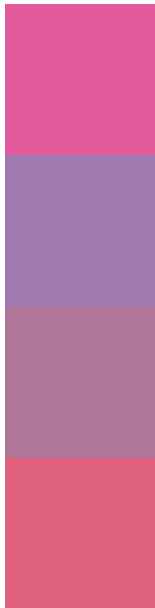
141.3690, 3.7621, 6.6924



Tritanopia

137.9770, -14.7787, 73.6882

Trichromacy



Original Color

138.1880, 8.7813, 77.0111

Protanomaly

139.5290, 17.9802, 19.7071

Deuteranomaly

140.1040, 5.8647, 32.3578

Tritanomaly

137.8660, -6.3429, 74.6625

Monochromacy



Original Color

138.1880, 8.7813, 77.0111

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.3870, 3.2602, 27.7246

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1880, 8.7813, 77.0111 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(226, 90, 156)` looks like.

```
.text, #text, p{  
    color:rgb(226, 90, 156)  
}
```

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(226, 90, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 90, 156) }
```

Border

The CSS property to change the border of an element to YUV 138.1880, 8.7813, 77.0111 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(226, 90, 156) }
```


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

```
.border{ border-color:rgb(226, 90, 156) }
```

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

Here you see how a box with a 4 pixel rgb(226, 90, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 90, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 90, 156);  
box-shadow:4px 4px 4px 4px rgb(226, 90,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 138.1880, 8.7813, 77.0111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 90, 156) }
```

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

```
.background{ background-color: rgb(226, 90,  
156) }
```

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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