

Converting Colors

YUV(138.5800, 4.1511, 68.7743)

Have a look what the booklet for
YUV(138.5800, 4.1511, 68.7743)
contains.

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Color

**YUV(138.5800, 4.1511,
68.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	D96193
RGB	217, 97, 147
RGB Percent	85%, 38%, 58%
CMY	0.1490, 0.6196, 0.4235
CMYK	0.00, 0.55, 0.32, 0.15
HSL	335°, 61%, 62%
HSV	335°, 55%, 85%
XYZ	38.1564, 25.4077, 30.4969
YIQ	138.5800, 55.4700, 40.9900

Conversions

Conversions Part 2

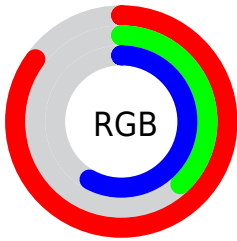
Format	Color
R _Y B	217, 97, 147
Decimal	14246291
CIE Lab	57.47, 52.16, -4.18
CIE LCh	57, 52.331, 355.415
Yxy	25.4077, 0.4057, 0.2701
Android (android.graphics.Color)	4292436371 (0xFFD96193)
YUV	138.5800, 4.1511, 68.7743
Hunter-Lab	50.4060, 46.9106, -0.5877

Details

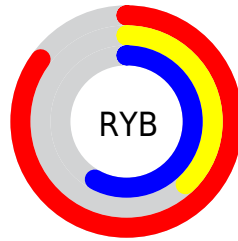
The YUV color **138.5800, 4.1511, 68.7743** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **175.4200, -4.1511, -68.7743**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3830, 6.2202, 58.4231**, and **82.6660, 7.0667, 66.9449** is the 20% darker color. If you saturate the color by 10%, you get **124.1840, 4.8393, 81.3996**, and if you desaturate by 10%, it is **152.9760, 3.4628, 56.1490**.

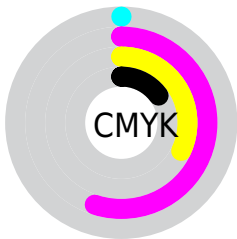
Distribution



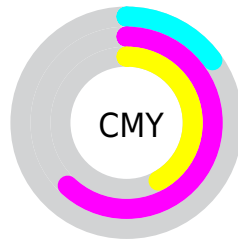
- Red (85%)
- Green (38%)
- Blue (58%)



- Red (85%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (55%)
- Yellow (32%)
- Black (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.5800, 4.1511, 68.7743 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 138.5800, 4.1511, 68.7743 by changing the saturation by 10% instead.


 138.5800, 4.1511,
68.7743


 138.5800, 4.1511,
68.7743


255.0000, 0.0000,
0.0000


 111.0960, 4.8827,
67.4448


 188.3830, 6.2202,
58.4231


 82.6660, 7.0667,
66.9449


 208.0110, 10.3476,
41.2094


 47.7790, 12.4340,
72.1078

 227.4110, 13.6014,
24.1956

 36.1980, 6.8044,
57.7084

 244.4340, 5.2090,
9.2664

 25.8450, 2.0484,
43.1089

 15.4770, -6.6442,
31.1537

 0.0000, 0.0000,

0.0000

■ 138.5800, 4.1511,
68.7743

■ 138.5800, 4.1511,
68.7743

■ 124.1840, 4.8393,
81.3996

■ 152.9760, 3.4628,
56.1490

■ 110.4890, 5.6749,
93.4101

■ 166.6710, 2.6272,
44.1385

■ 96.0930, 6.3632,
106.0354

■ 181.0670, 1.9390,
31.5132

■ 81.6970, 7.0514,
118.6607

■ 195.4630, 1.2507,
18.8879

■ 75.1430, 7.3245,
124.4086

■ 209.1580, 0.4151,
6.8774

■ 223.5540, -0.2731,
-5.7479

■ 237.9500, -0.9613,
-18.3731

■ 242.8400, 2.5439,
-22.6617

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



142.2570, 24.0303, 39.2396



138.5800, 4.1511, 68.7743



136.2930, -17.3994, 74.2880

Triad

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



138.5800, 4.1511, 68.7743



128.9510, -39.4158, -4.3420



115.2670, 48.1824, -101.0892

Complementary

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



138.5800, 4.1511, 68.7743



175.4200, -4.1511, -68.7743

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.



113.9840, 30.5739, -99.9640



138.5800, 4.1511, 68.7743



120.5830, -18.0354, -48.7463

Square

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



138.5800, 4.1511, 68.7743



133.1620, -45.9289, 31.4299



108.6260, 10.0444, -95.2650



111.2210, 58.0650, -97.5408

Rectangle

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



138.5800, 4.1511, 68.7743



136.2090, -30.1760, 65.5917



108.6260, 10.0444, -95.2650



115.7740, 42.5094, -101.5338

Sweetspot

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



138.5800, 4.1511, 68.7743



226.9090, 1.5239, 24.6358



131.6100, 42.0973, 31.0370



111.0280, 0.9722, 14.8844



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.



138.5800, 4.1511, 68.7743



145.2120, 5.8115, 96.2841



138.7500, -20.5828, 68.6252



102.7450, 0.1257, 6.3626



59.9350, 5.9480, 99.1580



15.9200, 1.5184, 26.3802

Inverse Universe

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



138.5800, 4.1511, 68.7743



145.2120, 5.8115, 96.2841



175.2500, 20.5828, -68.6252



102.7450, 0.1257, 6.3626



59.9350, 5.9480, 99.1580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 138.5800, 4.1511, 68.7743 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 138.5800, 4.1511, 68.7743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

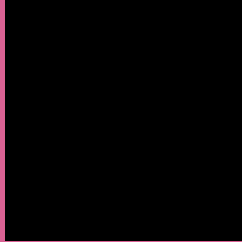
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.5800, 4.1511, 68.7743

Background



This preview shows how black text looks on a background with the YUV color 138.5800, 4.1511, 68.7743.



This preview shows how white text looks on a background with the YUV color 138.5800, 4.1511,

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

138.5800, 4.1511, 68.7743

Protanopia

139.0110, 16.7566, -7.9026

Deuteranopia

139.8810, 0.5517, 9.7514



Tritanopia

137.6880, -13.1572, 66.9256

Trichromacy



Original Color

138.5800, 4.1511, 68.7743

Protanomaly

138.7480, 12.4492, 20.3920

Deuteranomaly

139.6540, 1.6496, 30.9984

Tritanomaly

137.7080, -6.7580, 67.7851

Monochromacy



Original Color

138.5800, 4.1511, 68.7743

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5800, 4.1511, 68.7743 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(217, 97, 147)` looks like.

```
.text, #text, p{  
    color:rgb(217, 97, 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(217, 97, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 97, 147) }
```

Border

The CSS property to change the border of an element to YUV 138.5800, 4.1511, 68.7743 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(217, 97, 147) }
```


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

```
.border{ border-color:rgb(217, 97, 147) }
```

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

Here you see how a box with a 4 pixel rgb(217, 97, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 97, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 97, 147);  
box-shadow:4px 4px 4px 4px rgb(217, 97,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 138.5800, 4.1511, 68.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 97, 147) }
```

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

```
.background{ background-color: rgb(217, 97,  
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](#).

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