

Converting Colors

YUV(139.4830, 1.2409, 68.8594)

Have a look what the booklet for
YUV(139.4830, 1.2409, 68.8594)
contains.

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Color

**YUV(139.4830, 1.2409,
68.8594)**

Conversions

Conversions Part 1

Format	Color
Hex	DA638E
RGB	218, 99, 142
RGB Percent	85%, 39%, 56%
CMY	0.1451, 0.6118, 0.4431
CMYK	0.00, 0.55, 0.35, 0.15
HSL	338°, 62%, 62%
HSV	338°, 55%, 85%
XYZ	38.2578, 25.7821, 28.5512
YIQ	139.4830, 57.1210, 38.6010

Conversions

Conversions Part 2

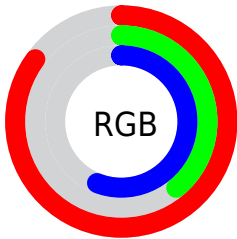
Format	Color
R _{YB}	218, 99, 142
Decimal	14312334
CIE Lab	57.83, 50.94, -0.72
CIE LCh	58, 50.947, 359.191
Yxy	25.7821, 0.4132, 0.2785
Android (android.graphics.Color)	4292502414 (0xFFDA638E)
YUV	139.4830, 1.2409, 68.8594
Hunter-Lab	50.7761, 45.6346, 2.2047

Details

The YUV color **139.4830, 1.2409, 68.8594** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **177.5170, -1.2409, -68.8594**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9870, 3.4574, 57.8934**, and **84.1560, 3.8671, 66.5152** is the 20% darker color. If you saturate the color by 10%, you get **124.9730, 1.4923, 81.5847**, and if you desaturate by 10%, it is **153.9930, 0.9895, 56.1341**.

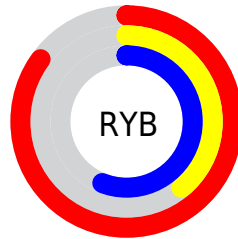
Distribution



Red (85%)

Green (39%)

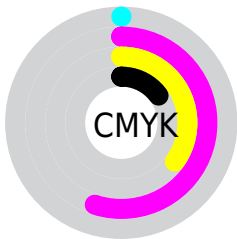
Blue (56%)



Red (85%)

Yellow (39%)

Blue (56%)

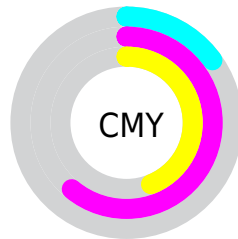


Cyan (0%)

Magenta (55%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.4830, 1.2409, 68.8594 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 139.4830, 1.2409, 68.8594 by changing the saturation by 10% instead.

 139.4830, 1.2409,
68.8594

 139.4830, 1.2409,
68.8594

255.0000, 0.0000,
0.0000


 111.9990, 1.9725,
67.5299


 188.9870, 3.4574,
57.8934


 84.1560, 3.8671,
66.5152

 208.5010, 7.1480,
40.7796


 51.1440, 8.8030,
70.0337

 228.2430, 11.7122,
23.4659

 36.0410, 4.9098,
58.7230

 245.6080, 4.6303,
8.2368

 25.3890, 0.3012,
43.5088

 15.4770, -6.6442,
31.1537

 0.0000, 0.0000,

0.0000

■ 139.4830, 1.2409,
68.8594

■ 139.4830, 1.2409,
68.8594

■ 124.9730, 1.4923,
81.5847

■ 153.9930, 0.9895,
56.1341

■ 110.4630, 1.7437,
94.3099

■ 168.5030, 0.7380,
43.4089

■ 96.5400, 1.7058,
106.5204

■ 182.4260, 0.7760,
31.1984

■ 82.0300, 1.9572,
119.2457

■ 196.9360, 0.5246,
18.4731

■ 74.1880, 2.3723,
126.1231

■ 211.4460, 0.2731,
5.7479

■ 225.9560, 0.0217,
-6.9774

■ 240.3520, -0.6665,
-19.6027

■ 243.7090, 4.5805,
-22.5468

■ 243.9370, 5.4541,
-22.7467

Harmonies

Analogous

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



143.0680, 20.6725, 42.9134



139.4830, 1.2409, 68.8594



137.7010, -19.5726, 71.2992

Triad

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



139.4830, 1.2409, 68.8594



129.7270, -36.3474, -8.5306



115.4950, 49.0560, -101.2891

Complementary

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



139.4830, 1.2409, 68.8594



177.5170, -1.2409, -68.8594

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.



114.5540, 32.7579, -100.4639



139.4830, 1.2409, 68.8594



119.8750, -14.2354, -54.2644

Square

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



139.4830, 1.2409, 68.8594



133.8840, -44.3128, 26.4117



110.0110, 12.8126, -96.4796



117.0980, 54.6747, -83.4009

Rectangle

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



139.4830, 1.2409, 68.8594



137.1330, -31.6176, 61.2734



110.0110, 12.8126, -96.4796



115.5290, 44.1092, -101.3189

Sweetspot

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



139.4830, 1.2409, 68.8594



227.9690, 0.5083, 23.7062



134.9910, 40.9234, 34.2109



111.5010, 0.2460, 14.4696



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.



139.4830, 1.2409, 68.8594



144.1860, 1.8803, 97.1839



143.9730, -22.1717, 64.9217



102.7450, 0.1257, 6.3626



58.9090, 2.0169, 100.0578



15.6920, 0.6448, 26.5801

Inverse Universe

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



139.4830, 1.2409, 68.8594



144.1860, 1.8803, 97.1839



173.0270, 22.1717, -64.9217



102.7450, 0.1257, 6.3626



58.9090, 2.0169, 100.0578



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 139.4830, 1.2409, 68.8594 looks on a white background.

Color Contrast Check

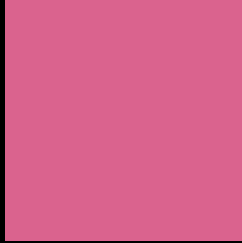
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.4830, 1.2409, 68.8594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

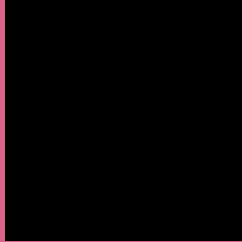
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.4830, 1.2409, 68.8594

Background



This preview shows how black text looks on a background with the YUV color 139.4830, 1.2409, 68.8594.



This preview shows how white text looks on a background with the YUV color 139.4830, 1.2409,

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

139.4830, 1.2409, 68.8594

Protanopia

139.9960, 12.8200, -5.2585

Deuteranopia

140.7950, -2.3639, 11.5808



Tritanopia

138.9870, -13.3046, 67.5404

Trichromacy



Original Color

139.4830, 1.2409, 68.8594

Protanomaly

140.0210, 8.3706, 21.9066

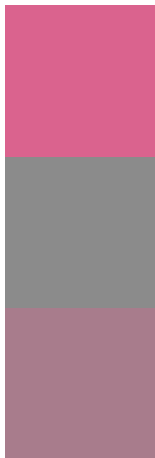
Deuteranomaly

140.2690, -1.1186, 32.2131

Tritanomaly

139.3660, -8.0684, 68.0850

Monochromacy



Original Color

139.4830, 1.2409, 68.8594

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9800, 0.5029, 25.4505

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4830, 1.2409, 68.8594 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(218, 99, 142)` looks like.

```
.text, #text, p{  
    color:rgb(218, 99, 142)  
}
```

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(218, 99, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 99, 142) }
```

Border

The CSS property to change the border of an element to YUV 139.4830, 1.2409, 68.8594 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(218, 99, 142) }
```


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

```
.border{ border-color:rgb(218, 99, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 99, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 99, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 99, 142);  
box-shadow:4px 4px 4px 4px rgb(218, 99,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 139.4830, 1.2409, 68.8594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 99, 142) }
```

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

```
.background{ background-color: rgb(218, 99,  
142) }
```

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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