

Converting Colors

YUV(147.0410, 8.3608, 71.8780)

Have a look what the booklet for
YUV(147.0410, 8.3608, 71.8780)
contains.

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Color

**YUV(147.0410, 8.3608,
71.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	E566A4
RGB	229, 102, 164
RGB Percent	90%, 40%, 64%
CMY	0.1020, 0.6000, 0.3569
CMYK	0.00, 0.55, 0.28, 0.10
HSL	331°, 71%, 65%
HSV	331°, 55%, 90%
XYZ	43.7653, 28.8411, 38.3822
YIQ	147.0410, 55.7900, 46.2060

Conversions

Conversions Part 2

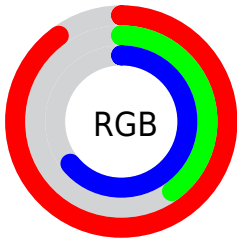
Format	Color
R _Y B	229, 102, 164
Decimal	15034020
CIE Lab	60.64, 55.75, -9.14
CIE LCh	61, 56.496, 350.688
Yxy	28.8411, 0.3943, 0.2599
Android (android.graphics.Color)	4293224100 (0xFFE566A4)
YUV	147.0410, 8.3608, 71.8780
Hunter-Lab	53.7039, 51.4845, -4.7818

Details

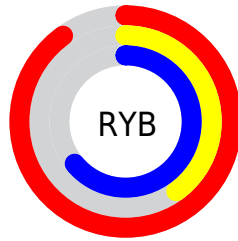
The YUV color **147.0410, 8.3608, 71.8780** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.9590, -8.3608, -71.8780**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3700, 12.6356, 54.0495**, and **90.0130, 10.8396, 70.1486** is the 20% darker color. If you saturate the color by 10%, you get **132.1720, 9.7752, 84.9182**, and if you desaturate by 10%, it is **161.9100, 6.9464, 58.8379**.

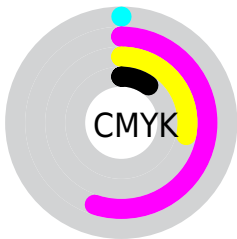
Distribution



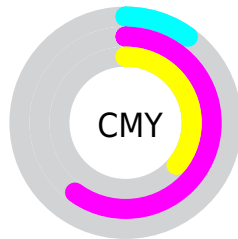
- Red (90%)
- Green (40%)
- Blue (64%)



- Red (90%)
- Yellow (40%)
- Blue (64%)



- Cyan (0%)
- Magenta (55%)
- Yellow (28%)
- Black (10%)





- Cyan (10%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0410, 8.3608, 71.8780 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 147.0410, 8.3608, 71.8780 by changing the saturation by 10% instead.


 147.0410, 8.3608,
71.8780


 147.0410, 8.3608,
71.8780


255.0000, 0.0000,
0.0000


 118.6710, 9.5292,
70.4485


 193.3700, 12.6356,
54.0495

 90.0130, 10.8396,
70.1486


 213.5850, 16.4736,
36.3210


 54.8380, 16.3489,
76.4411

 231.5200, 11.5756,
20.5920

 41.1970, 11.7349,
62.9712

 248.5430, 3.1833,
5.6628

 30.6160, 6.1053,
48.5718

 20.8610, 1.0545,
35.2019

 8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 147.0410, 8.3608,
71.8780

■ 147.0410, 8.3608,
71.8780

■ 132.1720, 9.7752,
84.9182

■ 161.9100, 6.9464,
58.8379

■ 117.4170, 11.6264,
97.8583

■ 176.6650, 5.0952,
45.8978

■ 102.5480, 13.0408,
110.8984

■ 191.5340, 3.6807,
32.8577

■ 87.6790, 14.4553,
123.9385

■ 206.4030, 2.2663,
19.8176

■ 81.2390, 15.1652,
129.5864

■ 221.2720, 0.8519,
6.7775

■ 235.4400, -0.7099,
-5.6479

■ 246.2000, -0.0986,
-15.0844

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



150.6140, 29.2773, 36.2955



147.0410, 8.3608, 71.8780



144.3200, -14.9478, 81.2804

Triad

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



147.0410, 8.3608, 71.8780



136.9750, -45.8367, 1.7759



122.8640, 49.3670, -107.7517

Complementary

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



147.0410, 8.3608, 71.8780



183.9590, -8.3608, -71.8780

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.



120.3100, 29.4272, -105.5119



147.0410, 8.3608, 71.8780



128.7100, -24.0140, -44.4727

Square

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



147.0410, 8.3608, 71.8780



141.2940, -49.4449, 39.2072



113.7950, 7.0031, -99.7982



119.5020, 61.8705, -104.8033

Rectangle

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



147.0410, 8.3608, 71.8780



143.4920, -29.3296, 74.1135



113.7950, 7.0031, -99.7982



122.5560, 43.1099, -107.4816

Sweetspot

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



147.0410, 8.3608, 71.8780



227.2510, 2.8343, 24.3359



135.6140, 46.0393, 26.6485



111.1420, 1.4090, 14.7845



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.



147.0410, 8.3608, 71.8780



144.7050, 11.4844, 96.7287



139.9730, -18.7207, 78.0767



107.2720, 0.8519, 6.7775



63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Inverse Universe

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



147.0410, 8.3608, 71.8780



144.7050, 11.4844, 96.7287



191.0270, 18.7207, -78.0767



107.2720, 0.8519, 6.7775



63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 147.0410, 8.3608, 71.8780 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 147.0410, 8.3608, 71.8780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

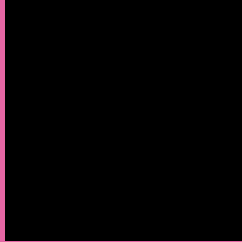
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.0410, 8.3608, 71.8780

Background



This preview shows how black text looks on a background with the YUV color 147.0410, 8.3608, 71.8780.



This preview shows how white text looks on a background with the YUV color 147.0410, 8.3608,

71.8780.

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

147.0410, 8.3608, 71.8780

Protanopia

147.1830, 22.5878, -11.5615

Deuteranopia

148.0100, 4.9251, 7.0072



Tritanopia

145.9980, -13.3100, 69.2848

Trichromacy



Original Color

147.0410, 8.3608, 71.8780



Protanomaly

147.0020, 17.2540, 19.2922



Deuteranomaly

147.5060, 6.1595, 31.1282



Tritanomaly

146.3600, -5.6005, 69.8443

Monochromacy



Original Color

147.0410, 8.3608, 71.8780



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.2620, 2.8288, 26.0802

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0410, 8.3608, 71.8780 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(229, 102, 164)` looks like.

```
.text, #text, p{  
    color:rgb(229, 102, 164)  
}
```

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(229, 102, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 102, 164) }
```

Border

The CSS property to change the border of an element to YUV 147.0410, 8.3608, 71.8780 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(229, 102, 164) }
```


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

```
.border{ border-color:rgb(229, 102, 164) }
```

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

Here you see how a box with a 4 pixel rgb(229, 102, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 102, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 102, 164);  
box-shadow:4px 4px 4px 4px rgb(229, 102,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 147.0410, 8.3608, 71.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 102, 164) }
```

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

```
.background{ background-color: rgb(229,  
102, 164) }
```

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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