

Converting Colors

YUV(139.7080, -3.3070,
80.9401)

Have a look what the booklet for
YUV(139.7080, -3.3070, 80.9401)
contains.

YUV(139.7080, -3.3070, 80.9401)	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(139.7080, -3.3070,
80.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	E85E85
RGB	232, 94, 133
RGB Percent	91%, 37%, 52%
CMY	0.0902, 0.6314, 0.4784
CMYK	0.00, 0.59, 0.43, 0.09
HSL	343°, 75%, 64%
HSV	343°, 59%, 91%
XYZ	41.5151, 26.8547, 25.1857
YIQ	139.7080, 69.7290, 41.3850

Conversions

Conversions Part 2

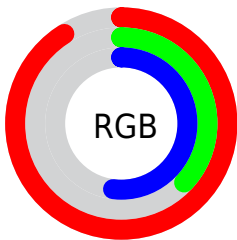
Format	Color
R_{YB}	232, 94, 133
Decimal	15228549
CIE Lab	58.84, 56.78, 6.26
CIE LCh	59, 57.127, 6.294
Yxy	26.8547, 0.4437, 0.2870
Android (android.graphics.Color)	4293418629 (0xFFE85E85)
YUV	139.7080, -3.3070, 80.9401
Hunter-Lab	51.8215, 52.3117, 7.4596

Details

The YUV color **139.7080, -3.3070, 80.9401** 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 **186.2920, 3.3070, -80.9401**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.4990, 0.2470, 60.9524**, and **81.5490, 1.2083, 79.3255** is the 20% darker color. If you saturate the color by 10%, you get **124.2690, -4.0766, 94.4801**, and if you desaturate by 10%, it is **155.1470, -2.5375, 67.4001**.

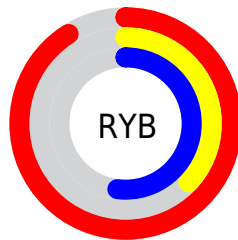
Distribution



Red (91%)

Green (37%)

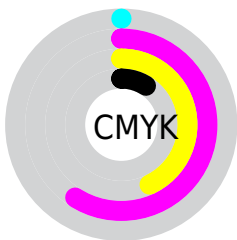
Blue (52%)



Red (91%)

Yellow (37%)

Blue (52%)

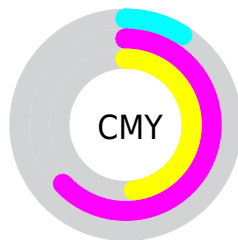


Cyan (0%)

Magenta (59%)

Yellow (43%)

Black (9%)



Cyan (9%)


Magenta (63%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.7080, -3.3070, 80.9401 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 139.7080, -3.3070, 80.9401 by changing the saturation by 10% instead.

 139.7080, -3.3070,
80.9401

 139.7080, -3.3070,
80.9401


255.0000, 0.0000,
0.0000

 111.4520, -1.7018,
79.4106


 185.4990, 0.2470,
60.9524

 81.5490, 1.2083,
79.3255


 205.1270, 4.3744,
43.7386


 49.4120, 5.7129,
81.1997

 225.3420, 8.2124,
26.0101

 38.2330, 0.3781,
65.5707

 243.8470, 5.4984,
9.7812

 27.5810, -4.2304,
50.3565

 17.8690, -7.8234,
36.0719

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 139.7080, -3.3070,
80.9401

■ 139.7080, -3.3070,
80.9401

■ 124.2690, -4.0766,
94.4801

■ 155.1470, -2.5375,
67.4001

■ 108.9440, -4.4094,
107.9201

■ 170.4720, -2.2047,
53.9601

■ 92.9180, -4.8896,
121.9749

■ 186.4980, -1.7245,
39.9053

■ 77.4790, -5.6591,
135.5149

■ 201.9370, -0.9549,
26.3653

■ 76.8920, -5.3698,
136.0297

■ 217.2620, -0.6222,
12.9252

■ 232.7010, 0.1474,
-0.6148

■ 247.5530, 1.2064,
-13.6400

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



144.1130, 19.1713, 57.7829



139.7080, -3.3070, 80.9401



138.3120, -26.2828, 76.9024

Triad

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



139.7080, -3.3070, 80.9401



128.6500, -36.3095, -20.7411



118.7210, 56.3395, -104.1183

Complementary

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



139.7080, -3.3070, 80.9401



186.2920, 3.3070, -80.9401

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.



119.0680, 39.8995, -104.4226



139.7080, -3.3070, 80.9401



106.9670, -3.9277, -93.8101

Square

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



139.7080, -3.3070, 80.9401



134.6030, -51.5693, 20.5192



114.6560, 17.9176, -100.5533



126.0550, 56.6679, -69.3312

Rectangle

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



139.7080, -3.3070, 80.9401



138.0810, -39.4799, 63.0730



114.6560, 17.9176, -100.5533



119.4560, 51.5402, -104.7629

Sweetspot

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



139.7080, -3.3070, 80.9401



224.2360, -1.1023, 26.9800



139.3330, 45.6848, 47.0660



108.5830, -0.7804, 17.0287



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.



139.7080, -3.3070, 80.9401



133.9330, -4.4040, 106.1758



152.8720, -29.0239, 69.3953



107.0440, -0.0217, 6.9774



59.2210, -4.5460, 105.0462



16.8450, -1.4026, 29.9539

Inverse Universe

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



139.7080, -3.3070, 80.9401



133.9330, -4.4040, 106.1758



173.1280, 29.0239, -69.3953



107.0440, -0.0217, 6.9774



59.2210, -4.5460, 105.0462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 139.7080, -3.3070, 80.9401 looks on a white background.

Color Contrast Check

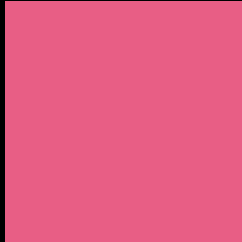
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7080, -3.3070, 80.9401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

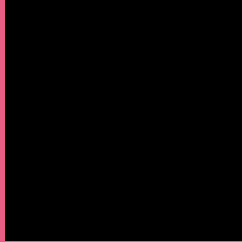
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.7080, -3.3070, 80.9401

Background



This preview shows how black text looks on a background with the YUV color 139.7080, -3.3070, 80.9401.



This preview shows how white text looks on a background with the YUV color 139.7080, -3.3070,

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

139.7080, -3.3070, 80.9401

Protanopia

142.5680, 8.5940, -3.1291

Deuteranopia

142.9220, -8.3425, 15.8544



Tritanopia

138.9670, -16.2527, 79.8359

Trichromacy



Original Color

139.7080, -3.3070, 80.9401

Protanomaly

141.6150, 4.1338, 27.5246

Deuteranomaly

141.6460, -6.2345, 39.7755

Tritanomaly

139.2320, -11.4534, 80.4805

Monochromacy



Original Color

139.7080, -3.3070, 80.9401

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.5460, -1.2552, 29.3392

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7080, -3.3070, 80.9401 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(232, 94, 133)` looks like.

```
.text, #text, p{  
    color:rgb(232, 94, 133)  
}
```

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(232, 94, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 94, 133) }
```

Border

The CSS property to change the border of an element to YUV 139.7080, -3.3070, 80.9401 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(232, 94, 133) }
```


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

```
.border{ border-color:rgb(232, 94, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 94, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 94, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 94, 133);  
box-shadow:4px 4px 4px 4px rgb(232, 94,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 139.7080, -3.3070, 80.9401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 94, 133) }
```

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

```
.background{ background-color: rgb(232, 94,  
133) }
```

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