

Converting Colors

YUV(143.4240, 0.7770, 77.6812)

Have a look what the booklet for
YUV(143.4240, 0.7770, 77.6812)
contains.

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Color

**YUV(143.4240, 0.7770,
77.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	E86291
RGB	232, 98, 145
RGB Percent	91%, 38%, 57%
CMY	0.0902, 0.6157, 0.4314
CMYK	0.00, 0.58, 0.38, 0.09
HSL	339°, 74%, 65%
HSV	339°, 58%, 91%
XYZ	42.7572, 27.9355, 29.9266
YIQ	143.4240, 64.7770, 43.0250

Conversions

Conversions Part 2

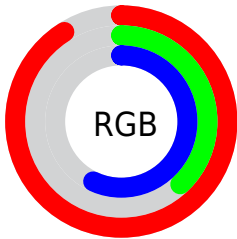
Format	Color
R _Y B	232, 98, 145
Decimal	15229585
CIE Lab	59.83, 56.26, 0.71
CIE LCh	60, 56.262, 0.719
Yxy	27.9355, 0.4249, 0.2776
Android (android.graphics.Color)	4293419665 (0xFFE86291)
YUV	143.4240, 0.7770, 77.6812
Hunter-Lab	52.8540, 51.9062, 3.4271

Details

The YUV color **143.4240, 0.7770, 77.6812** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **186.5760, -0.7770, -77.6812**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3290, 4.7678, 57.5935**, and **85.7380, 4.5662, 75.6518** is the 20% darker color. If you saturate the color by 10%, you get **128.2130, 0.8810, 91.0212**, and if you desaturate by 10%, it is **158.6350, 0.6729, 64.3411**.

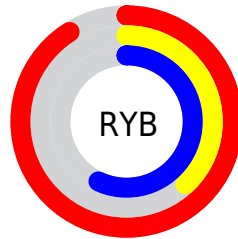
Distribution



Red (91%)

Green (38%)

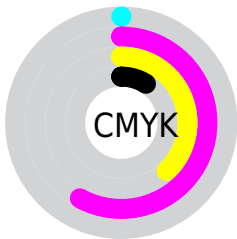
Blue (57%)



Red (91%)

Yellow (38%)

Blue (57%)

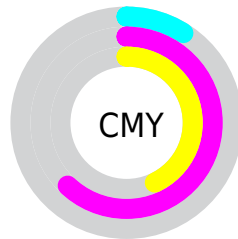


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (9%)



Cyan (9%)


Magenta (62%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.4240, 0.7770, 77.6812 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 143.4240, 0.7770, 77.6812 by changing the saturation by 10% instead.


 143.4240, 0.7770,
77.6812

 143.4240, 0.7770,
77.6812


255.0000, 0.0000,
0.0000


 115.0540, 1.9454,
76.2516


 189.3290, 4.7678,
57.5935


 85.7380, 4.5662,
75.6518


 208.9570, 8.8952,
40.3797


 50.8510, 9.9335,
80.8147

 229.1720, 12.7332,
22.6512

 39.6720, 4.5987,
65.1857

 246.1950, 4.3409,
7.7220

 28.9060, -0.4467,
50.0714

 18.8800, -7.8288,
37.8162

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 143.4240, 0.7770,
77.6812

■ 143.4240, 0.7770,
77.6812

■ 128.2130, 0.8810,
91.0212

■ 158.6350, 0.6729,
64.3411

■ 113.0020, 0.9850,
104.3612

■ 173.8460, 0.5689,
51.0011

■ 97.2040, 1.3784,
118.2161

■ 189.6440, 0.1755,
37.1462

■ 81.9930, 1.4825,
131.5561

■ 204.8550, 0.0715,
23.8062

■ 78.6020, 1.1822,
134.5300

■ 220.0660, -0.0325,
10.4661

■ 235.2770, -0.1366,
-2.8739

■ 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.



147.8670, 22.2506, 50.1056



143.4240, 0.7770, 77.6812



141.6480, -22.5045, 78.3617

Triad

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



143.4240, 0.7770, 77.6812



133.0810, -39.9729, -12.3490



121.3140, 53.5822, -106.3924

Complementary

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



143.4240, 0.7770, 77.6812



186.5760, -0.7770, -77.6812

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.



120.0310, 35.9737, -105.2672



143.4240, 0.7770, 77.6812



119.7270, -13.1764, -67.2896

Square

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



143.4240, 0.7770, 77.6812



137.8750, -50.7174, 27.2966



115.0320, 14.2812, -100.8831



115.1650, 63.0227, -100.9997

Rectangle

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



143.4240, 0.7770, 77.6812



141.6130, -36.2912, 66.9914



115.0320, 14.2812, -100.8831



121.3480, 48.6354, -106.4222

Sweetspot

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



143.4240, 0.7770, 77.6812



226.5670, 0.2135, 24.9357



138.6910, 46.0013, 38.8590



110.8000, 0.0986, 15.0844



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.



143.4240, 0.7770, 77.6812



138.6920, 1.1378, 102.0021



148.6320, -24.9616, 73.1137



107.0440, -0.0217, 6.9774



60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Inverse Universe

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



143.4240, 0.7770, 77.6812



138.6920, 1.1378, 102.0021



181.3680, 24.9616, -73.1137



107.0440, -0.0217, 6.9774



60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 143.4240, 0.7770, 77.6812 looks on a white background.

Color Contrast Check

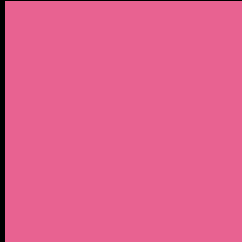
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.4240, 0.7770, 77.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

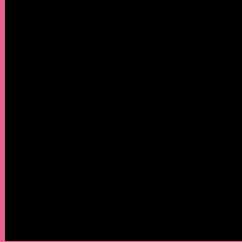
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 143.4240, 0.7770, 77.6812

Background



This preview shows how black text looks on a background with the YUV color 143.4240, 0.7770, 77.6812.



This preview shows how white text looks on a background with the YUV color 143.4240, 0.7770,

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

143.4240, 0.7770, 77.6812

Protanopia

144.9250, 13.8410, -6.0732

Deuteranopia

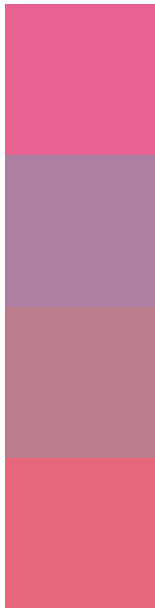
146.1650, -3.5323, 13.0103



Tritanopia

142.8740, -15.2209, 75.5325

Trichromacy



Original Color

143.4240, 0.7770, 77.6812

Protanomaly

144.5590, 9.0914, 24.0658

Deuteranomaly

145.3620, -2.1505, 36.5165

Tritanomaly

142.7800, -9.2585, 76.4919

Monochromacy



Original Color

143.4240, 0.7770, 77.6812

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.2900, 0.3500, 27.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.4240, 0.7770, 77.6812 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, 98, 145)` looks like.

```
.text, #text, p{  
    color:rgb(232, 98, 145)  
}
```

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, 98, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 98, 145) }
```

Border

The CSS property to change the border of an element to YUV 143.4240, 0.7770, 77.6812 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, 98, 145) }
```


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

```
.border{ border-color:rgb(232, 98, 145) }
```

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

Here you see how a box with a 4 pixel rgb(232, 98, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 98, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 98, 145);  
box-shadow:4px 4px 4px 4px rgb(232, 98,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 143.4240, 0.7770, 77.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 98, 145) }
```

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

```
.background{ background-color: rgb(232, 98,  
145) }
```

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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