

Converting Colors

YUV(147.7970, -11.7319,
76.4770)

Have a look what the booklet for
YUV(147.7970, -11.7319, 76.4770)
contains.

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Color

**YUV(147.7970, -11.7319,
76.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6C7C
RGB	235, 108, 124
RGB Percent	92%, 42%, 49%
CMY	0.0784, 0.5765, 0.5137
CMYK	0.00, 0.54, 0.47, 0.08
HSL	352°, 76%, 67%
HSV	352°, 54%, 92%
XYZ	43.2616, 29.8425, 22.5488
YIQ	147.7970, 70.5560, 31.9000

Conversions

Conversions Part 2

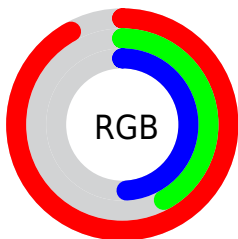
Format	Color
R _Y B	235, 108, 124
Decimal	15428732
CIE Lab	61.52, 50.48, 15.32
CIE LCh	62, 52.759, 16.886
Yxy	29.8425, 0.4523, 0.3120
Android (android.graphics.Color)	4293618812 (0xFFEB6C7C)
YUV	147.7970, -11.7319, 76.4770
Hunter-Lab	54.6283, 45.7593, 13.7668

Details

The YUV color **147.7970, -11.7319, 76.4770** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **195.2030, 11.7319, -76.4770**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9900, -7.8831, 55.2598**, and **92.5730, -8.6635, 72.2885** is the 20% darker color. If you saturate the color by 10%, you get **131.9020, -14.2487, 90.4169**, and if you desaturate by 10%, it is **164.2790, -9.5045, 62.0223**.

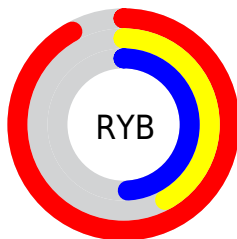
Distribution



Red (92%)

Green (42%)

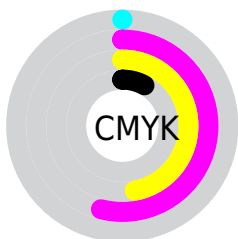
Blue (49%)



Red (92%)

Yellow (42%)

Blue (49%)

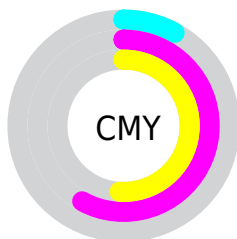


Cyan (0%)

Magenta (54%)

Yellow (47%)

Black (8%)



Cyan (8%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7970, -11.7319, 76.4770 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 147.7970, -11.7319, 76.4770 by changing the saturation by 10% instead.

■ 147.7970,
-11.7319, 76.4770

■ 147.7970,
-11.7319, 76.4770

255.0000, 0.0000,
0.0000

■ 120.1280,
-10.4161, 74.4327

■ 191.9900, -7.8831,
55.2598

■ 92.5730, -8.6635,
72.2885

■ 211.6180, -3.7557,
38.0460

■ 62.3110, -4.5903,
72.5183

■ 231.8330, 0.0823,
20.3175

■ 38.3320, -3.1217,
68.1148

■ 251.4780, 1.7363,
3.0888

■ 27.3380, -9.0406,
53.2006

■ 18.4670, -8.1182,
37.3014

■ 8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 147.7970,
-11.7319, 76.4770

■ 147.7970,
-11.7319, 76.4770

■ 131.9020,
-14.2487, 90.4169

■ 164.2790, -9.5045,
62.0223

■ 115.5340,
-16.0393, 104.7717

■ 180.0600, -7.4246,
48.1824

■ 99.0520, -18.2666,
119.2264

■ 196.5420, -5.1972,
33.7277

■ 83.2710, -20.3466,
133.0663

■ 212.3230, -3.1172,
19.8877

■ 73.6850, -21.5367,
141.4733

■ 228.8050, -0.8899,
5.4330

■ 244.5860, 1.1901,
-8.4069

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



151.0400, 9.8403, 63.9859



147.7970, -11.7319, 76.4770



146.7530, -31.9232, 65.9916

Triad

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



147.7970, -11.7319, 76.4770



134.6080, -25.9357, -34.7362



121.1660, 58.0922, -106.2626

Complementary

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



147.7970, -11.7319, 76.4770



195.2030, 11.7319, -76.4770

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.



123.2400, 45.7307, -108.0815



147.7970, -11.7319, 76.4770



114.1540, 5.8401, -100.1131

Square

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



147.7970, -11.7319, 76.4770



140.9910, -43.3796, 7.0239



120.8000, 26.2276, -105.9416



145.7460, 45.4812, -27.8412

Rectangle

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



147.7970, -11.7319, 76.4770



145.7220, -41.7679, 50.2328



120.8000, 26.2276, -105.9416



122.3570, 55.0400, -107.3071

Sweetspot

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



147.7970, -11.7319, 76.4770



226.8290, -3.8597, 24.7060



155.3680, 39.2586, 54.9283



110.8170, -2.3748, 15.0695



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.



147.7970, -11.7319, 76.4770



141.0280, -15.2968, 99.9534



173.5620, -32.3221, 53.8811



109.4030, -1.1847, 6.6626



56.7410, -16.6343, 108.9751



16.9440, -4.9024, 32.4981

Inverse Universe

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



147.7970, -11.7319, 76.4770



141.0280, -15.2968, 99.9534



169.4380, 32.3221, -53.8811



109.4030, -1.1847, 6.6626



56.7410, -16.6343, 108.9751



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 147.7970, -11.7319, 76.4770 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 147.7970, -11.7319, 76.4770 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 147.7970, -11.7319, 76.4770

Background



This preview shows how black text looks on a background with the YUV color 147.7970, -11.7319, 76.4770.



This preview shows how white text looks on a background with the YUV color 147.7970, -11.7319, 76.4770.

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

147.7970, -11.7319, 76.4770

Protanopia

149.1530, -2.0474, 3.3738

Deuteranopia

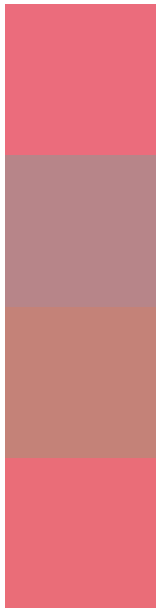
149.4190, -15.4896, 21.5575



Tritanopia

147.2870, -14.9315, 76.0473

Trichromacy



Original Color

147.7970, -11.7319, 76.4770

Protanomaly

148.4060, -5.6232, 30.3389

Deuteranomaly

148.5940, -14.0968, 41.5751

Tritanomaly

147.6290, -13.6211, 75.7474

Monochromacy



Original Color

147.7970, -11.7319, 76.4770

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.7370, -4.3073, 28.2947

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7970, -11.7319, 76.4770 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(235, 108, 124)` looks like.

```
.text, #text, p{  
    color:rgb(235, 108, 124)  
}
```

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(235, 108, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 108, 124) }
```

Border

The CSS property to change the border of an element to YUV 147.7970, -11.7319, 76.4770 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(235, 108, 124) }
```


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

```
.border{ border-color:rgb(235, 108, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 108, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 108, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 108, 124);  
box-shadow:4px 4px 4px 4px rgb(235, 108,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 147.7970, -11.7319, 76.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 108, 124) }
```

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

```
.background{ background-color: rgb(235,  
108, 124) }
```

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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