

Converting Colors

YUV(140.0770, -2.9960,
74.4775)

Have a look what the booklet for
YUV(140.0770, -2.9960, 74.4775)
contains.

YUV(140.0770, -2.9960, 74.4775)	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(140.0770, -2.9960,
74.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	E16286
RGB	225, 98, 134
RGB Percent	88%, 38%, 53%
CMY	0.1176, 0.6157, 0.4745
CMYK	0.00, 0.56, 0.40, 0.12
HSL	343°, 68%, 63%
HSV	343°, 56%, 88%
XYZ	39.7221, 26.4641, 25.5688
YIQ	140.0770, 64.1360, 38.1200

Conversions

Conversions Part 2

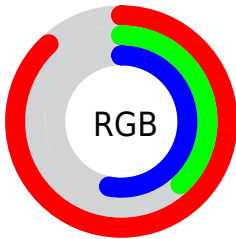
Format	Color
R _Y B	225, 98, 134
Decimal	14770822
CIE Lab	58.48, 52.81, 5.02
CIE LCh	58, 53.049, 5.425
Yxy	26.4641, 0.4329, 0.2884
Android (android.graphics.Color)	4292960902 (0xFFE16286)
YUV	140.0770, -2.9960, 74.4775
Hunter-Lab	51.4433, 47.8035, 6.5415

Details

The YUV color **140.0770, -2.9960, 74.4775** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **182.9230, 2.9960, -74.4775**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3740, -0.1844, 59.3080**, and **83.9780, 0.5038, 71.9333** is the 20% darker color. If you saturate the color by 10%, you get **125.3390, -3.6181, 87.4027**, and if you desaturate by 10%, it is **155.4020, -2.6632, 61.0374**.

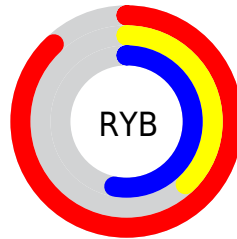
Distribution



Red (88%)

Green (38%)

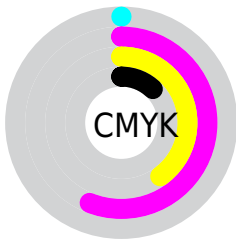
Blue (53%)



Red (88%)

Yellow (38%)

Blue (53%)

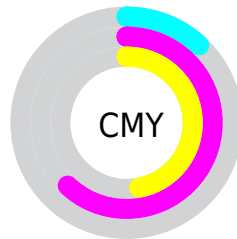


Cyan (0%)

Magenta (56%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.0770, -2.9960, 74.4775 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 140.0770, -2.9960, 74.4775 by changing the saturation by 10% instead.

 140.0770, -2.9960,
74.4775


 140.0770, -2.9960,
74.4775


255.0000, 0.0000,
0.0000


 112.4080, -1.6801,
72.4332

 187.3740, -0.1844,
59.3080


 83.9780, 0.5038,
71.9333

 207.0020, 3.9430,
42.0942


 48.0310, 6.8867,
78.0258

 227.2170, 7.7810,
24.3657

 36.8520, 1.5520,
62.3968

 245.6080, 4.6303,
8.2368

 26.2000, -3.0566,
47.1826

 16.6730, -7.2338,
33.6128

 2.3920, -1.1793,

4.9182

0.0000, 0.0000,
0.0000

140.0770, -2.9960,
74.4775

140.0770, -2.9960,
74.4775

125.3390, -3.6181,
87.4027

155.4020, -2.6632,
61.0374

110.0140, -3.9509,
100.8427

170.1400, -2.0410,
48.1122

94.6890, -4.2837,
114.2827

184.8780, -1.4189,
35.1870

79.9510, -4.9058,
127.2080

200.2030, -1.0861,
21.7470

74.5710, -5.2115,
131.9262

215.6420, -0.3165,
8.2070

■ 230.3800, 0.3057,
-4.7183

■ 245.1180, 0.9278,
-17.6435

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



143.7380, 17.8772, 52.8498



140.0770, -2.9960, 74.4775



139.0340, -24.6668, 71.8842

Triad

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



140.0770, -2.9960, 74.4775



129.2420, -34.1363, -17.7522



117.2220, 53.1346, -102.8037

Complementary

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



140.0770, -2.9960, 74.4775



182.9230, 2.9960, -74.4775

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.



117.0960, 37.4207, -102.6932



140.0770, -2.9960, 74.4775



113.6920, -6.7502, -75.1519

Square

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



140.0770, -2.9960, 74.4775



134.5690, -46.6225, 20.5490



112.5530, 17.4754, -98.7090



128.1440, 51.6940, -60.6393

Rectangle

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



140.0770, -2.9960, 74.4775



138.1560, -36.5589, 59.4992



112.5530, 17.4754, -98.7090



117.3700, 48.6246, -102.9335

Sweetspot

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



140.0770, -2.9960, 74.4775



226.2250, -1.0969, 25.2357



139.0890, 42.3541, 42.0179



110.5720, -0.7750, 15.2844



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.



140.0770, -2.9960, 74.4775



139.3130, -4.0983, 101.4575



150.6480, -25.9555, 65.2067



104.6310, -0.3111, 6.4626



58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Inverse Universe

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



140.0770, -2.9960, 74.4775



139.3130, -4.0983, 101.4575



172.3520, 25.9555, -65.2067



104.6310, -0.3111, 6.4626



58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 140.0770, -2.9960, 74.4775 looks on a white background.

Color Contrast Check

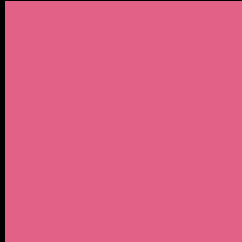
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0770, -2.9960, 74.4775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

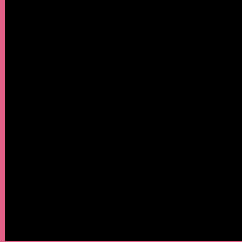
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.0770, -2.9960, 74.4775

Background



This preview shows how black text looks on a background with the YUV color 140.0770, -2.9960, 74.4775.



This preview shows how white text looks on a background with the YUV color 140.0770, -2.9960,

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

140.0770, -2.9960, 74.4775

Protanopia

141.4540, 8.1572, -3.0292

Deuteranopia

141.9650, -6.8847, 14.9397



Tritanopia

139.6780, -14.6313, 73.0734

Trichromacy



Original Color

140.0770, -2.9960, 74.4775

Protanomaly

141.1910, 3.8498, 25.2655

Deuteranomaly

141.1510, -5.4974, 36.7016

Tritanomaly

139.8290, -10.2687, 73.8180

Monochromacy



Original Color

140.0770, -2.9960, 74.4775

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2360, -1.1023, 26.9800

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0770, -2.9960, 74.4775 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(225, 98, 134)` looks like.

```
.text, #text, p{  
    color:rgb(225, 98, 134)  
}
```

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(225, 98, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 98, 134) }
```

Border

The CSS property to change the border of an element to YUV 140.0770, -2.9960, 74.4775 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(225, 98, 134) }
```


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

```
.border{ border-color:rgb(225, 98, 134) }
```

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

Here you see how a box with a 4 pixel rgb(225, 98, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 98, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 98, 134);  
box-shadow:4px 4px 4px 4px rgb(225, 98,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 140.0770, -2.9960, 74.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 98, 134) }
```

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

```
.background{ background-color: rgb(225, 98,  
134) }
```

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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