

Converting Colors

YUV(146.5680, -11.1260,
68.7849)

Have a look what the booklet for
YUV(146.5680, -11.1260, 68.7849)
contains.

YUV(146.5680, -11.1260, 68.7849)	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(146.5680, -11.1260,
68.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	E16F7C
RGB	225, 111, 124
RGB Percent	88%, 44%, 49%
CMY	0.1176, 0.5647, 0.5137
CMYK	0.00, 0.51, 0.45, 0.12
HSL	353°, 66%, 66%
HSV	353°, 51%, 88%
XYZ	40.3739, 28.8317, 22.5059
YIQ	146.5680, 63.7710, 28.2110

Conversions

Conversions Part 2

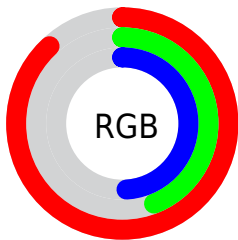
Format	Color
R _Y B	225, 111, 124
Decimal	14774140
CIE Lab	60.63, 45.54, 13.87
CIE LCh	61, 47.611, 16.941
Yxy	28.8317, 0.4402, 0.3144
Android (android.graphics.Color)	4292964220 (0xFFE16F7C)
YUV	146.5680, -11.1260, 68.7849
Hunter-Lab	53.6951, 40.2493, 12.7356

Details

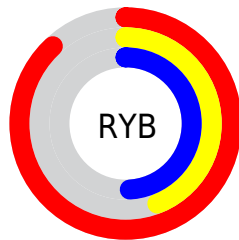
The YUV color **146.5680, -11.1260, 68.7849** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **189.4320, 11.1260, -68.7849**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.1640, -8.4619, 54.2302**, and **92.2300, -8.4944, 64.6963** is the 20% darker color. If you saturate the color by 10%, you get **131.3740, -13.4954, 82.1100**, and if you desaturate by 10%, it is **162.3490, -9.0461, 54.9449**.

Distribution



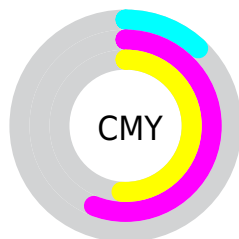
- Red (88%)
- Green (44%)
- Blue (49%)



- Red (88%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (51%)
- Yellow (45%)
- Black (12%)



- Cyan (12%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.5680, -11.1260, 68.7849 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 146.5680, -11.1260, 68.7849 by changing the saturation by 10% instead.


 146.5680,
-11.1260, 68.7849


 146.5680,
-11.1260, 68.7849


255.0000, 0.0000,
0.0000


 119.4860,
-10.0996, 66.2258


 193.1640, -8.4619,
54.2302


 92.2300, -8.4944,
64.6963


 212.7920, -4.3345,
37.0164


 64.6150, -5.7262,
63.4816

 233.0070, -0.4965,
19.2879

 35.9400, -1.9424,
63.1966

 252.6520, 1.1576,
2.0592

 25.1310, -8.4456,
48.9971

 16.6730, -7.2338,
33.6128

 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,
0.0000

■ 146.5680,
-11.1260, 68.7849

■ 146.5680,
-11.1260, 68.7849

■ 131.3740,
-13.4954, 82.1100

■ 162.3490, -9.0461,
54.9449

■ 115.5930,
-15.5753, 95.9499

■ 177.5430, -6.6767,
41.6198

■ 100.3990,
-17.9447, 109.2751

■ 193.3240, -4.5967,
27.7799

■ 84.6180, -20.0247,
123.1150

■ 208.5180, -2.2274,
14.4547

■ 70.2390, -21.8098,
135.7254

■ 224.2990, -0.1474,
0.6148

■ 239.4930, 2.2220,
-12.7104

■ 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.



148.6540, 8.5516, 57.3084



146.5680, -11.1260, 68.7849



145.4040, -29.2862, 60.1587

Triad

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



146.5680, -11.1260, 68.7849



134.0260, -23.1838, -30.7178



117.5640, 54.4449, -103.1036

Complementary

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



146.5680, -11.1260, 68.7849



189.4320, 11.1260, -68.7849

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.



119.8660, 42.9571, -105.1225



146.5680, -11.1260, 68.7849



111.8060, 6.9976, -98.0539

Square

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



146.5680, -11.1260, 68.7849



139.6580, -38.2854, 6.4389



117.2950, 25.4906, -102.8677



144.5140, 40.6656, -23.2528

Rectangle

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



146.5680, -11.1260, 68.7849



144.1390, -37.5365, 46.3591



117.2950, 25.4906, -102.8677



118.7550, 51.3928, -104.1481

Sweetspot

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



146.5680, -11.1260, 68.7849



228.8180, -3.8543, 22.9616



154.1950, 34.9069, 50.6950



112.1050, -2.5168, 13.9399



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.



146.5680, -11.1260, 68.7849



147.6960, -15.1331, 94.1056



170.9140, -29.5376, 47.4334



104.4030, -1.1847, 6.6626



54.9040, -17.2077, 106.2012



15.0360, -4.4547, 28.9094

Inverse Universe

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



146.5680, -11.1260, 68.7849



147.6960, -15.1331, 94.1056



165.0860, 29.5376, -47.4334



104.4030, -1.1847, 6.6626



54.9040, -17.2077, 106.2012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 146.5680, -11.1260, 68.7849 looks on a white background.

Color Contrast Check

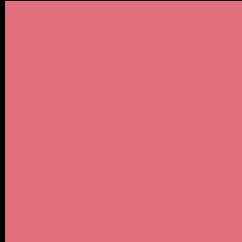
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.5680, -11.1260, 68.7849 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 146.5680, -11.1260, 68.7849

Background



This preview shows how black text looks on a background with the YUV color 146.5680, -11.1260, 68.7849.



This preview shows how white text looks on a background with the YUV color 146.5680, -11.1260, 68.7849.

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

146.5680, -11.1260, 68.7849

Protanopia

146.7400, -2.3368, 2.8590

Deuteranopia

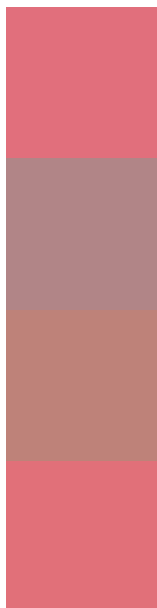
147.1630, -13.8844, 20.0280



Tritanopia

146.6990, -13.1626, 68.6700

Trichromacy



Original Color

146.5680, -11.1260, 68.7849

Protanomaly

146.3840, -5.6123, 26.8502

Deuteranomaly

146.9140, -12.7756, 37.7864

Tritanomaly

146.8130, -12.7258, 68.5700

Monochromacy



Original Color

146.5680, -11.1260, 68.7849

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.8290, -3.8597, 24.7060

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.5680, -11.1260, 68.7849 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, 111, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 111, 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(225, 111, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 111, 124) }
```

Border

The CSS property to change the border of an element to YUV 146.5680, -11.1260, 68.7849 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, 111, 124) }
```


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

```
.border{ border-color:rgb(225, 111, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 111, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 111, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 111, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 111,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 146.5680, -11.1260, 68.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 111, 124) }
```

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

```
.background{ background-color: rgb(225,  
111, 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](#).

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