

Converting Colors

YUV(148.3530, 1.7980, 76.8664)

Have a look what the booklet for
YUV(148.3530, 1.7980, 76.8664)
contains.

YUV(148.3530, 1.7980, 76.8664)	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(148.3530, 1.7980,
76.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	EC6798
RGB	236, 103, 152
RGB Percent	93%, 40%, 60%
CMY	0.0745, 0.5961, 0.4039
CMYK	0.00, 0.56, 0.36, 0.07
HSL	338°, 78%, 66%
HSV	338°, 56%, 93%
XYZ	45.1098, 29.8004, 33.0803
YIQ	148.3530, 63.5390, 43.4350

Conversions

Conversions Part 2

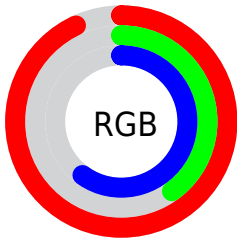
Format	Color
R_{YB}	236, 103, 152
Decimal	15493016
CIE _{Lab}	61.48, 56.04, -0.86
CIE _{LCh}	61, 56.049, 359.118
Yxy	29.8004, 0.4177, 0.2760
Android (android.graphics.Color)	4293683096 (0xFFEC6798)
YUV	148.3530, 1.7980, 76.8664
Hunter-Lab	54.5897, 51.9702, 2.2843

Details

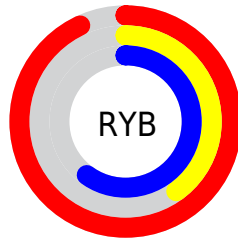
The YUV color **148.3530, 1.7980, 76.8664** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **190.6470, -1.7980, -76.8664**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0620, 6.3784, 54.3196**, and **91.1400, 4.8610, 74.4222** is the 20% darker color. If you saturate the color by 10%, you get **132.5550, 2.1914, 90.7213**, and if you desaturate by 10%, it is **164.1510, 1.4046, 63.0116**.

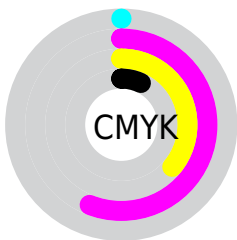
Distribution



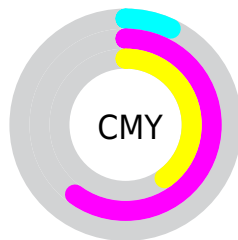
- Red (93%)
- Green (40%)
- Blue (60%)



- Red (93%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (56%)
- Yellow (36%)
- Black (7%)




- Cyan (7%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3530, 1.7980, 76.8664 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 148.3530, 1.7980, 76.8664 by changing the saturation by 10% instead.


 148.3530, 1.7980,
76.8664


 148.3530, 1.7980,
76.8664


255.0000, 0.0000,
0.0000


 119.9830, 2.9664,
75.4369

 193.0620, 6.3784,
54.3196


 91.1400, 4.8610,
74.4222

 212.6900, 10.5058,
37.1059


 55.0790, 10.8071,
80.6147

 232.1070, 11.2862,
20.0772

 41.8510, 6.4825,
67.6597

 249.1300, 2.8939,
5.1480

 30.7860, 1.5845,
51.9307

 20.5750, -5.2135,
38.9607

 9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 148.3530, 1.7980,
76.8664

■ 148.3530, 1.7980,
76.8664

■ 132.5550, 2.1914,
90.7213

■ 164.1510, 1.4046,
63.0116

■ 117.3440, 2.2954,
104.0613

■ 179.3620, 1.3005,
49.6715

■ 101.5460, 2.6888,
117.9162

■ 195.1600, 0.9071,
35.8167

■ 86.3350, 2.7928,
131.2562

■ 210.3710, 0.8031,
22.4766

■ 80.4820, 3.2134,
136.3893

■ 226.1690, 0.4097,
8.6218

■ 241.8530, -0.4205,
-5.1331

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



152.1980, 23.5664, 48.0614



148.3530, 1.7980, 76.8664



146.5880, -21.4889, 79.2913

Triad

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



148.3530, 1.7980, 76.8664



138.1630, -40.9994, -9.7900



124.0040, 53.7350, -108.7515

Complementary

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



148.3530, 1.7980, 76.8664



190.6470, -1.7980, -76.8664

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.



123.1940, 35.4004, -108.0411



148.3530, 1.7980, 76.8664



126.1900, -15.3767, -61.5566

Square

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



148.3530, 1.7980, 76.8664



142.4130, -49.9966, 29.4558



117.4940, 13.5605, -103.0422



118.6700, 63.7597, -104.0736

Rectangle

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



148.3530, 1.7980, 76.8664



145.9660, -34.9862, 68.4358



117.4940, 13.5605, -103.0422



124.5110, 48.0621, -109.1961

Sweetspot

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



148.3530, 1.7980, 76.8664



226.6810, 0.6503, 24.8358



142.6800, 46.0068, 37.1146



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.



148.3530, 1.7980, 76.8664



140.9090, 2.0169, 100.0578



152.1590, -24.2354, 73.5286



109.7450, 0.1257, 6.3626



61.7570, 2.5848, 104.5761



18.4260, 0.7760, 31.1984

Inverse Universe

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



148.3530, 1.7980, 76.8664



140.9090, 2.0169, 100.0578



186.8410, 24.2354, -73.5286



109.7450, 0.1257, 6.3626



61.7570, 2.5848, 104.5761



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 148.3530, 1.7980, 76.8664 looks on a white background.

Color Contrast Check

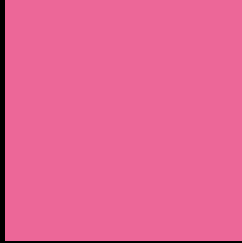
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.3530, 1.7980, 76.8664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

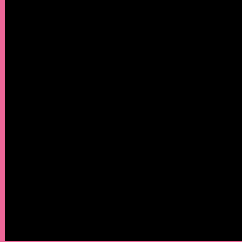
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.3530, 1.7980, 76.8664

Background



This preview shows how black text looks on a background with the YUV color 148.3530, 1.7980, 76.8664.



This preview shows how white text looks on a background with the YUV color 148.3530, 1.7980,

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

148.3530, 1.7980, 76.8664

Protanopia

149.8540, 14.8620, -6.8880

Deuteranopia

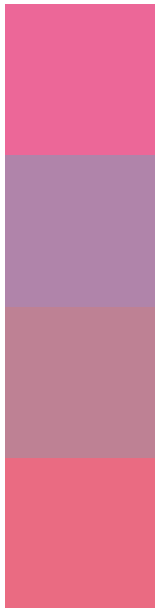
150.2080, -2.0745, 12.0956



Tritanopia

147.5750, -15.0735, 74.9177

Trichromacy



Original Color

148.3530, 1.7980, 76.8664

Protanomaly

149.4880, 10.1124, 23.2510

Deuteranomaly

149.4050, -0.6927, 35.6018

Tritanomaly

147.5950, -8.6743, 75.7772

Monochromacy



Original Color

148.3530, 1.7980, 76.8664

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2900, 0.3500, 27.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3530, 1.7980, 76.8664 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(236, 103, 152)` looks like.

```
.text, #text, p{  
    color:rgb(236, 103, 152)  
}
```

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(236, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 103, 152) }
```

Border

The CSS property to change the border of an element to YUV 148.3530, 1.7980, 76.8664 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(236, 103, 152) }
```


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

```
.border{ border-color:rgb(236, 103, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 103, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(236, 103,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 148.3530, 1.7980, 76.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 103, 152) }
```

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

```
.background{ background-color: rgb(236,  
103, 152) }
```

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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