

Converting Colors

YUV(141.9120, 3.9874, 74.6222)

Have a look what the booklet for
YUV(141.9120, 3.9874, 74.6222)
contains.

YUV(141.9120, 3.9874, 74.6222)	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(141.9120, 3.9874,
74.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	E36196
RGB	227, 97, 150
RGB Percent	89%, 38%, 59%
CMY	0.1098, 0.6196, 0.4118
CMYK	0.00, 0.57, 0.34, 0.11
HSL	336°, 70%, 64%
HSV	336°, 57%, 89%
XYZ	41.4583, 27.0823, 31.8965
YIQ	141.9120, 60.4670, 44.0430

Conversions

Conversions Part 2

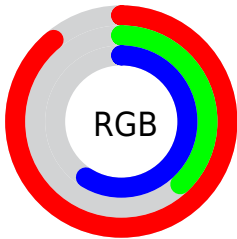
Format	Color
R _Y B	227, 97, 150
Decimal	14901654
CIE Lab	59.05, 55.70, -3.43
CIE LCh	59, 55.806, 356.475
Yxy	27.0823, 0.4128, 0.2696
Android (android.graphics.Color)	4293091734 (0xFFE36196)
YUV	141.9120, 3.9874, 74.6222
Hunter-Lab	52.0406, 51.1312, 0.0887

Details

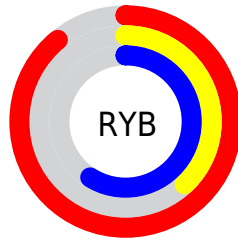
The YUV color **141.9120, 3.9874, 74.6222** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **182.0880, -3.9874, -74.6222**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7250, 7.5306, 58.1232**, and **84.4110, 7.1924, 73.3076** is the 20% darker color. If you saturate the color by 10%, you get **126.9290, 4.9650, 87.7623**, and if you desaturate by 10%, it is **156.8950, 3.0098, 61.4821**.

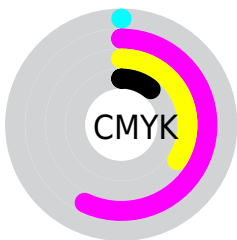
Distribution



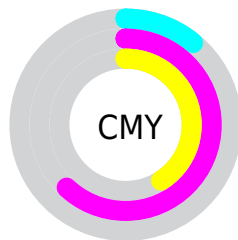
- Red (89%)
- Green (38%)
- Blue (59%)



- Red (89%)
- Yellow (38%)
- Blue (59%)



- Cyan (0%)
- Magenta (57%)
- Yellow (34%)
- Black (11%)





- Cyan (11%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.9120, 3.9874, 74.6222 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 141.9120, 3.9874, 74.6222 by changing the saturation by 10% instead.


 141.9120, 3.9874,
74.6222

 141.9120, 3.9874,
74.6222


255.0000, 0.0000,
0.0000


 113.5420, 5.1558,
73.1927


 188.7250, 7.5306,
58.1232


 84.4110, 7.1924,
73.3076

 208.9400, 11.3686,
40.3946


 50.2250, 12.7071,
77.8557

 227.9980, 13.3120,
23.6808

 39.2310, 6.7881,
62.9414

 245.6080, 4.6303,
8.2368

 28.4650, 1.7428,
47.8272

 18.1400, -5.4920,
34.9572

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 141.9120, 3.9874,
74.6222

■ 141.9120, 3.9874,
74.6222

■ 126.9290, 4.9650,
87.7623

■ 156.8950, 3.0098,
61.4821

■ 112.4190, 5.2164,
100.4875

■ 171.4050, 2.7583,
48.7568

■ 97.4360, 6.1941,
113.6276

■ 186.3880, 1.7807,
35.6167

■ 82.3390, 6.7349,
126.8677

■ 201.4850, 1.2399,
22.3767

■ 78.4750, 7.1608,
130.2564

■ 216.4680, 0.2623,
9.2366

■ 230.9780, 0.0108,
-3.4887

■ 245.3740, -0.6774,
-16.1140

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



146.2190, 25.0350, 43.6579



141.9120, 3.9874, 74.6222



139.5710, -19.0155, 79.3062

Triad

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



141.9120, 3.9874, 74.6222



131.9570, -41.8838, -6.1013



119.9290, 50.8140, -105.1777

Complementary

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



141.9120, 3.9874, 74.6222



182.0880, -3.9874, -74.6222

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.



117.8310, 32.6213, -103.3378



141.9120, 3.9874, 74.6222



121.5390, -18.0137, -55.7237

Square

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



141.9120, 3.9874, 74.6222



136.7230, -50.1494, 31.8149



112.2450, 11.2182, -98.4389



114.8230, 61.7123, -100.6998

Rectangle

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



141.9120, 3.9874, 74.6222



139.2480, -32.6603, 69.0655



112.2450, 11.2182, -98.4389



119.8490, 45.4304, -105.1076

Sweetspot

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



141.9120, 3.9874, 74.6222



226.7950, 1.0871, 24.7358



134.5440, 45.5808, 33.7259



110.9140, 0.5354, 14.9844



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.



141.9120, 3.9874, 74.6222



139.8320, 5.5058, 101.0023



142.3270, -22.3462, 74.2582



107.1580, 0.4151, 6.8774



61.8430, 5.5004, 102.7467



17.6430, 1.6550, 29.2541

Inverse Universe

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



141.9120, 3.9874, 74.6222



139.8320, 5.5058, 101.0023



181.6730, 22.3462, -74.2582



107.1580, 0.4151, 6.8774



61.8430, 5.5004, 102.7467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 141.9120, 3.9874, 74.6222 looks on a white background.

Color Contrast Check

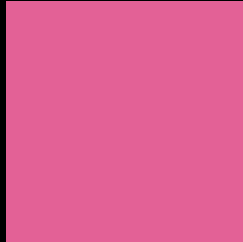
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.9120, 3.9874, 74.6222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

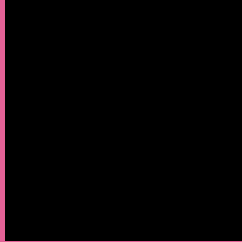
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.9120, 3.9874, 74.6222

Background



This preview shows how black text looks on a background with the YUV color 141.9120, 3.9874, 74.6222.



This preview shows how white text looks on a background with the YUV color 141.9120, 3.9874,

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

141.9120, 3.9874, 74.6222

Protanopia

143.1250, 17.1934, -8.0026

Deuteranopia

144.0660, -0.0325, 10.4661



Tritanopia

141.3790, -14.4838, 72.4586

Trichromacy



Original Color

141.9120, 3.9874, 74.6222



Protanomaly

142.7590, 12.4438, 22.1364



Deuteranomaly

143.2630, 1.3493, 33.9723



Tritanomaly

141.5130, -7.6479, 73.2181

Monochromacy



Original Color

141.9120, 3.9874, 74.6222



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.2190, 1.3710, 26.9949

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.9120, 3.9874, 74.6222 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(227, 97, 150)` looks like.

```
.text, #text, p{  
    color:rgb(227, 97, 150)  
}
```

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(227, 97, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 97, 150) }
```

Border

The CSS property to change the border of an element to YUV 141.9120, 3.9874, 74.6222 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(227, 97, 150) }
```


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

```
.border{ border-color:rgb(227, 97, 150) }
```

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

Here you see how a box with a 4 pixel rgb(227, 97, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 97, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 97, 150);  
box-shadow:4px 4px 4px 4px rgb(227, 97,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 141.9120, 3.9874, 74.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 97, 150) }
```

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

```
.background{ background-color: rgb(227, 97,  
150) }
```

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