

Converting Colors

YUV(153.7640, 8.4973, 74.7520)

Have a look what the booklet for
YUV(153.7640, 8.4973, 74.7520)
contains.

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Color

**YUV(153.7640, 8.4973,
74.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	EF6BAB
RGB	239, 107, 171
RGB Percent	94%, 42%, 67%
CMY	0.0627, 0.5804, 0.3294
CMYK	0.00, 0.55, 0.28, 0.06
HSL	331°, 80%, 68%
HSV	331°, 55%, 94%
XYZ	48.2050, 31.8064, 42.1266
YIQ	153.7640, 58.1280, 47.8880

Conversions

Conversions Part 2

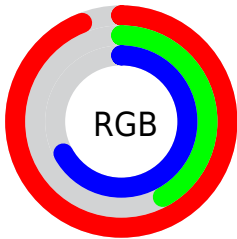
Format	Color
R _Y B	239, 107, 171
Decimal	15690667
CIE Lab	63.18, 57.43, -9.21
CIE LCh	63, 58.168, 350.887
Yxy	31.8064, 0.3947, 0.2604
Android (android.graphics.Color)	4293880747 (0xFFEF6BAB)
YUV	153.7640, 8.4973, 74.7520
Hunter-Lab	56.3972, 53.8763, -4.8095

Details

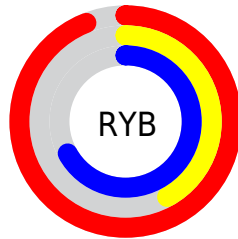
The YUV color **153.7640, 8.4973, 74.7520** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **192.2360, -8.4973, -74.7520**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6900, 13.9568, 50.2609**, and **96.7360, 10.9762, 73.0225** is the 20% darker color. If you saturate the color by 10%, you get **138.3080, 10.2012, 88.3069**, and if you desaturate by 10%, it is **169.2200, 6.7935, 61.1971**.

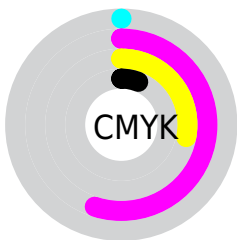
Distribution



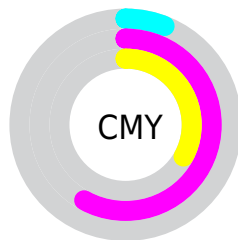
- Red (94%)
- Green (42%)
- Blue (67%)



- Red (94%)
- Yellow (42%)
- Blue (67%)



- Cyan (0%)
- Magenta (55%)
- Yellow (28%)
- Black (6%)



- Cyan (6%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7640, 8.4973, 74.7520 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 153.7640, 8.4973, 74.7520 by changing the saturation by 10% instead.


 153.7640, 8.4973,
74.7520


 153.7640, 8.4973,
74.7520


255.0000, 0.0000,
0.0000


 125.2800, 9.2290,
73.4224


 197.6900, 13.9568,
50.2609


 96.7360, 10.9762,
73.0225


 217.4320, 18.5210,
32.9471

 62.9090, 15.3279,
77.2558

 234.4550, 10.1287,
18.0180

 44.5720, 13.0290,
67.9044

 252.0650, 1.4470,
2.5740

 33.5780, 7.1100,
52.9901

 23.5240, 2.2067,
39.0055

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 153.7640, 8.4973,
74.7520

■ 153.7640, 8.4973,
74.7520

■ 138.3080, 10.2012,
88.3069

■ 169.2200, 6.7935,
61.1971

■ 122.7380, 11.4682,
101.9618

■ 184.7900, 5.5265,
47.5422

■ 107.2820, 13.1720,
115.5167

■ 200.2460, 3.8227,
33.9873

■ 91.8260, 14.8758,
129.0716

■ 215.7020, 2.1189,
20.4323

■ 84.6850, 15.4383,
135.3343

■ 231.2720, 0.8519,
6.7775

■ 246.1410, -0.5625,
-6.2627

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



157.5540, 30.2929, 37.2251



153.7640, 8.4973, 74.7520



150.8150, -15.6848, 84.3542

Triad

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



153.7640, 8.4973, 74.7520



143.2200, -47.4365, 1.5611



128.5860, 50.9831, -112.7699

Complementary

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



153.7640, 8.4973, 74.7520



192.2360, -8.4973, -74.7520

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.



125.9180, 30.6064, -110.4301



153.7640, 8.4973, 74.7520



135.0580, -25.1716, -46.5319

Square

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



153.7640, 8.4973, 74.7520



148.0230, -51.7763, 40.3218



119.2890, 7.7455, -104.6165



124.7510, 64.2128, -109.4066

Rectangle

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



153.7640, 8.4973, 74.7520



150.4600, -30.7928, 76.7726



119.2890, 7.7455, -104.6165



128.2780, 44.7259, -112.4998

Sweetspot

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



153.7640, 8.4973, 74.7520



227.2510, 2.8343, 24.3359



141.7820, 47.9285, 27.3782



111.1420, 1.4090, 14.7845



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.



153.7640, 8.4973, 74.7520



146.4660, 10.6163, 95.1843



146.4680, -19.4577, 81.1506



112.2720, 0.8519, 6.7775



65.1620, 11.7521, 104.2209



19.8220, 3.5388, 31.7281

Inverse Universe

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



153.7640, 8.4973, 74.7520



146.4660, 10.6163, 95.1843



199.5320, 19.4577, -81.1506



112.2720, 0.8519, 6.7775



65.1620, 11.7521, 104.2209



19.8220, 3.5388, 31.7281

Previews

White Background



This preview shows how the YUV color 153.7640, 8.4973, 74.7520 looks on a white background.

Color Contrast Check

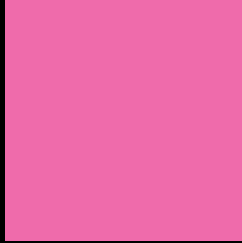
Large Text (above 18pt) WCAG AA × Fail

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 153.7640, 8.4973, 74.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

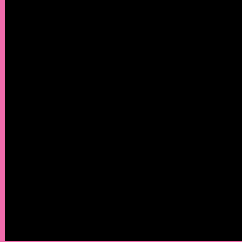
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7640, 8.4973, 74.7520

Background



This preview shows how black text looks on a background with the YUV color 153.7640, 8.4973, 74.7520.



This preview shows how white text looks on a background with the YUV color 153.7640, 8.4973,

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

153.7640, 8.4973, 74.7520

Protanopia

153.9980, 23.1720, -12.2762

Deuteranopia

154.8960, 4.4883, 7.1072



Tritanopia

153.1940, -13.8996, 71.7439

Trichromacy



Original Color

153.7640, 8.4973, 74.7520



Protanomaly

154.1160, 17.6908, 19.1923



Deuteranomaly

154.8050, 6.0121, 31.7430



Tritanomaly

153.0830, -5.4639, 72.7182

Monochromacy



Original Color

153.7640, 8.4973, 74.7520



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.9740, 2.9708, 27.2098

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7640, 8.4973, 74.7520 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(239, 107, 171)` looks like.

```
.text, #text, p{  
    color:rgb(239, 107, 171)  
}
```

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(239, 107, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 107, 171) }
```

Border

The CSS property to change the border of an element to YUV 153.7640, 8.4973, 74.7520 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(239, 107, 171) }
```


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

```
.border{ border-color:rgb(239, 107, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 107, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 107, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 107, 171);  
box-shadow:4px 4px 4px 4px rgb(239, 107,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 153.7640, 8.4973, 74.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 107, 171) }
```

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

```
.background{ background-color: rgb(239,  
107, 171) }
```

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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