

Converting Colors

YUV(193.9740, 6.4218, 40.3648)

Have a look what the booklet for
YUV(193.9740, 6.4218, 40.3648)
contains.

YUV(193.9740, 6.4218, 40.3648)	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(193.9740, 6.4218,
40.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A8CF
RGB	240, 168, 207
RGB Percent	94%, 66%, 81%
CMY	0.0588, 0.3412, 0.1882
CMYK	0.00, 0.30, 0.14, 0.06
HSL	328°, 71%, 80%
HSV	328°, 30%, 94%
XYZ	61.2003, 51.0355, 65.6567
YIQ	193.9740, 30.3930, 27.3930

Conversions

Conversions Part 2

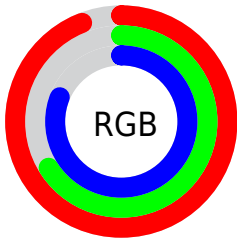
Format	Color
R _Y B	240, 168, 207
Decimal	15771855
CIE Lab	76.70, 32.19, -9.14
CIE LCh	77, 33.460, 344.150
Yxy	51.0355, 0.3440, 0.2869
Android (android.graphics.Color)	4293961935 (0xFFFF0A8CF)
YUV	193.9740, 6.4218, 40.3648
Hunter-Lab	71.4392, 27.8984, -4.4835

Details

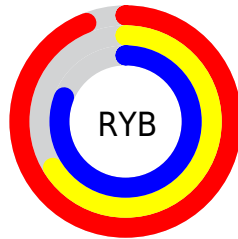
The YUV color **193.9740, 6.4218, 40.3648** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **214.0260, -6.4218, -40.3648**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8030, 8.9711, 15.9588**, and **139.6640, 6.5746, 38.0057** is the 20% darker color. If you saturate the color by 10%, you get **178.6320, 8.5624, 53.8197**, and if you desaturate by 10%, it is **209.3160, 4.2812, 26.9099**.

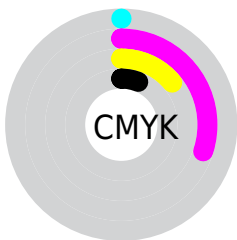
Distribution



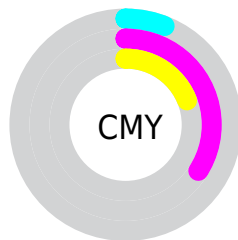
- Red (94%)
- Green (66%)
- Blue (81%)



- Red (94%)
- Yellow (66%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9740, 6.4218, 40.3648 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 193.9740, 6.4218, 40.3648 by changing the saturation by 10% instead.

 193.9740, 6.4218,
40.3648


 193.9740, 6.4218,
40.3648

255.0000, 0.0000,
0.0000

 166.2620, 6.2798,
39.2352

 236.8030, 8.9711,
15.9588

 139.6640, 6.5746,
38.0057

 253.8260, 0.5788,
1.0296

 113.6530, 6.5801,
36.2613

 88.3540, 6.7275,
35.6465

 63.4570, 7.1697,
33.8022

 38.6850, 8.0433,
33.6023

 19.7230, 7.0386,

29.1839

■ 9.9960, -0.4910,
17.5435

■ 0.0000, 0.0000,
0.0000

■ 193.9740, 6.4218,
40.3648

■ 193.9740, 6.4218,
40.3648

■ 178.6320, 8.5624,
53.8197

■ 209.3160, 4.2812,
26.9099

■ 163.2900, 10.7030,
67.2747

■ 224.6580, 2.1406,
13.4549

■ 147.9480, 12.8436,
80.7296

■ 240.0000, 0.0000,
0.0000

■ 132.6060, 14.9842,
94.1845

■ 250.0590, 0.4639,
-8.8217

■ 117.2640, 17.1248,
107.6395

■ 250.5150, 2.2111,
-9.2217

■ 101.9220, 19.2655,
121.0944

■ 86.5800, 21.4061,
134.5493

Harmonies

Analogous

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



193.3760, 20.0276, 16.3332



193.9740, 6.4218, 40.3648



192.5550, -8.1616, 51.2563

Triad

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



193.9740, 6.4218, 40.3648



186.0140, -28.1079, 8.7577



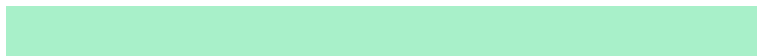
173.2910, 28.4505, -72.1692

Complementary

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



193.9740, 6.4218, 40.3648



214.0260, -6.4218, -40.3648

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.



172.1700, 15.1992, -68.5551



193.9740, 6.4218, 40.3648



181.9550, -18.7118, -18.3775

Square

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



193.9740, 6.4218, 40.3648



188.9290, -29.0520, 31.6343



177.2040, -3.0586, -45.7829



180.9870, 33.0374, -49.9776

Rectangle

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



193.9740, 6.4218, 40.3648



191.4380, -17.4709, 50.4819



177.2040, -3.0586, -45.7829



171.7700, 25.2564, -74.3433

Sweetspot

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



193.9740, 6.4218, 40.3648



240.2450, 1.8512, 12.9401



185.7760, 26.7324, 12.4744



118.3970, 1.2833, 8.4218



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.



193.9740, 6.4218, 40.3648



196.2080, 8.2785, 51.5606



189.9840, -8.8661, 43.8640



112.2720, 0.8519, 6.7775



66.3020, 16.1201, 103.2211



20.1640, 4.8491, 31.4282

Inverse Universe

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



193.9740, 6.4218, 40.3648



196.2080, 8.2785, 51.5606



218.0160, 8.8661, -43.8640



112.2720, 0.8519, 6.7775



66.3020, 16.1201, 103.2211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 193.9740, 6.4218, 40.3648 looks on a white background.

Color Contrast Check

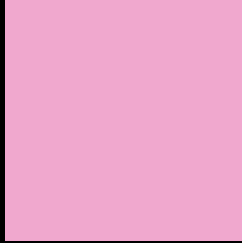
Large Text (above 18pt) WCAG AA × Fail

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 193.9740, 6.4218, 40.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

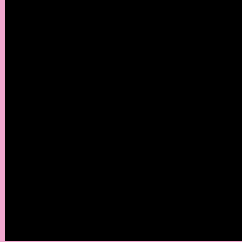
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.9740, 6.4218, 40.3648

Background



This preview shows how black text looks on a background with the YUV color 193.9740, 6.4218, 40.3648.



This preview shows how white text looks on a background with the YUV color 193.9740, 6.4218,

40.3648.

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

193.9740, 6.4218, 40.3648

Protanopia

190.4520, 14.5672, -5.6584

Deuteranopia

191.3630, 6.2300, 8.4516



Tritanopia

192.9170, -3.9031, 38.6608

Trichromacy



Original Color

193.9740, 6.4218, 40.3648



Protanomaly

191.7530, 11.4608, 10.7406



Deuteranomaly

192.1410, 6.3395, 20.0473



Tritanomaly

193.5410, -0.2667, 38.9905

Monochromacy



Original Color

193.9740, 6.4218, 40.3648



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.3700, 2.2826, 14.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9740, 6.4218, 40.3648 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(240, 168, 207)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 207)  
}
```

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(240, 168, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 207) }
```

Border

The CSS property to change the border of an element to YUV 193.9740, 6.4218, 40.3648 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(240, 168, 207) }
```


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

```
.border{ border-color:rgb(240, 168, 207) }
```

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

Here you see how a box with a 4 pixel rgb(240, 168, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 193.9740, 6.4218, 40.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 207) }
```

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

```
.background{ background-color: rgb(240,  
168, 207) }
```

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