

Converting Colors

YUV(170.9040, 12.8653,
73.7522)

Have a look what the booklet for
YUV(170.9040, 12.8653, 73.7522)
contains.

YUV(170.9040, 12.8653, 73.7522)	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(170.9040, 12.8653,
73.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7BC5
RGB	255, 123, 197
RGB Percent	100%, 48%, 77%
CMY	0.0000, 0.5176, 0.2275
CMYK	0.00, 0.52, 0.23, 0.00
HSL	326°, 100%, 74%
HSV	326°, 52%, 100%
XYZ	58.4010, 39.4571, 57.3612
YIQ	170.9040, 54.9180, 50.9980

Conversions

Conversions Part 2

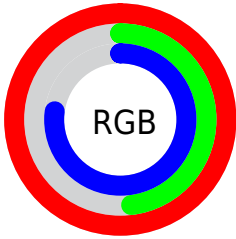
Format	Color
R_{YB}	255, 123, 197
Decimal	16743365
CIE _{Lab}	69.08, 58.34, -14.84
CIE _{LCh}	69, 60.201, 345.732
Yxy	39.4571, 0.3762, 0.2542
Android (android.graphics.Color)	4294933445 (0xFFFF7BC5)
YUV	170.9040, 12.8653, 73.7522
Hunter-Lab	62.8149, 56.0310, -10.1719

Details

The YUV color **170.9040, 12.8653, 73.7522** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **207.0960, -12.8653, -73.7522**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2740, 21.5569, 39.2247**, and **113.9360, 14.3286, 71.0931** is the 20% darker color. If you saturate the color by 10%, you get **154.9750, 15.2953, 87.7219**, and if you desaturate by 10%, it is **187.4200, 10.1459, 59.2677**.

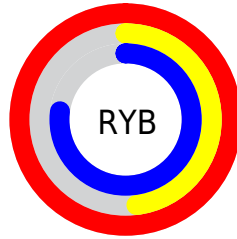
Distribution



Red (100%)

Green (48%)

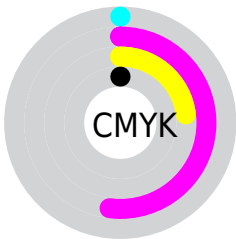
Blue (77%)



Red (100%)

Yellow (48%)

Blue (77%)

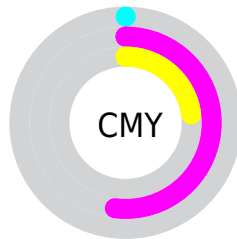


Cyan (0%)

Magenta (52%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9040, 12.8653, 73.7522 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 170.9040, 12.8653, 73.7522 by changing the saturation by 10% instead.


 170.9040, 12.8653,
73.7522


 170.9040, 12.8653,
73.7522


255.0000, 0.0000,
0.0000


 142.4200, 13.5969,
72.4227


 210.2740, 21.5569,
39.2247


 113.9360, 14.3286,
71.0931


 227.4110, 13.6014,
24.1956

 84.2180, 16.6545,
71.7228

 244.4340, 5.2090,
9.2664

 51.8640, 20.2800,
75.5413

 40.7560, 13.9243,
60.7270

 29.8760, 8.4421,
45.7127

 20.3060, 2.8071,

33.0576

■ 7.2900, -3.1010,
14.6547

■ 0.0000, 0.0000,
0.0000

■ 170.9040, 12.8653,
73.7522

■ 170.9040, 12.8653,
73.7522

■ 154.9750, 15.2953,
87.7219

■ 187.4200, 10.1459,
59.2677

■ 138.4590, 18.0147,
102.2065

■ 203.3490, 7.7159,
45.2979

■ 122.4160, 20.0079,
116.2762

■ 219.9790, 5.4334,
30.7134

■ 105.9000, 22.7273,
130.7607

■ 235.9080, 3.0034,
16.7437

■ 92.5470, 24.8733,
142.4713

■ 252.4240, 0.2840,
2.2592

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



173.4760, 35.2613, 30.2775



170.9040, 12.8653, 73.7522



162.8730, -10.2904, 80.7954

Triad

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



170.9040, 12.8653, 73.7522



160.1240, -51.8261, 9.5383



140.7480, 51.8892, -123.4360

Complementary

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



170.9040, 12.8653, 73.7522



207.0960, -12.8653, -73.7522

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.



136.9230, 29.6180, -120.0815



170.9040, 12.8653, 73.7522



152.2070, -31.1611, -38.7695

Square

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



170.9040, 12.8653, 73.7522



163.9640, -52.2403, 49.1436



129.8380, 5.0099, -113.8679



135.9040, 58.7143, -119.1878

Rectangle

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



170.9040, 12.8653, 73.7522



164.2800, -27.7460, 79.5614



129.8380, 5.0099, -113.8679



140.2120, 44.7585, -122.9659

Sweetspot

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



170.9040, 12.8653, 73.7522



228.8810, 4.0027, 22.9064



155.0910, 49.2551, 21.8452



112.0710, 2.4300, 13.9697



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.



170.9040, 12.8653, 73.7522



154.3880, 15.5847, 88.2367



163.4940, -15.5265, 80.2508



119.6850, 1.1413, 7.2923



69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Inverse Universe

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



170.9040, 12.8653, 73.7522



154.3880, 15.5847, 88.2367



214.5060, 15.5265, -80.2508



119.6850, 1.1413, 7.2923



69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 170.9040, 12.8653, 73.7522 looks on a white background.

Color Contrast Check

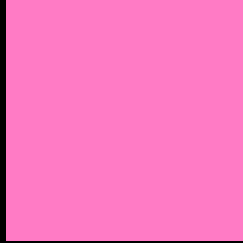
Large Text (above 18pt) WCAG AA × Fail

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 170.9040, 12.8653, 73.7522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

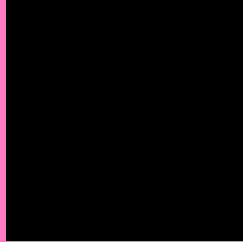
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.9040, 12.8653, 73.7522

Background



This preview shows how black text looks on a background with the YUV color 170.9040, 12.8653, 73.7522.



This preview shows how white text looks on a background with the YUV color 170.9040, 12.8653,

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

170.9040, 12.8653, 73.7522

Protanopia

169.4690, 28.8558, -15.3203

Deuteranopia

170.8400, 9.4459, 3.6483



Tritanopia

169.8240, -12.7312, 70.3144

Trichromacy



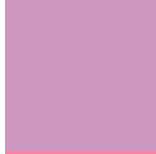
Original Color

170.9040, 12.8653, 73.7522



Protanomaly

169.8860, 23.2272, 16.7630



Deuteranomaly

171.0480, 10.8223, 28.8989



Tritanomaly

170.2400, -3.5693, 71.7035

Monochromacy



Original Color

170.9040, 12.8653, 73.7522



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.3160, 4.2812, 26.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9040, 12.8653, 73.7522 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(255, 123, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 197)  
}
```

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(255, 123, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 197) }
```

Border

The CSS property to change the border of an element to YUV 170.9040, 12.8653, 73.7522 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(255, 123, 197) }
```


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

```
.border{ border-color:rgb(255, 123, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 123, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 170.9040, 12.8653, 73.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 197) }
```

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

```
.background{ background-color: rgb(255,  
123, 197) }
```

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