

Converting Colors

YUV(101.9730, 15.2963,
134.2047)

Have a look what the booklet for
YUV(101.9730, 15.2963, 134.2047)
contains.

YUV(101.9730, 15.2963, 134.2047)	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(101.9730, 15.2963,
134.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1285
RGB	255, 18, 133
RGB Percent	100%, 7%, 52%
CMY	0.0000, 0.9294, 0.4784
CMYK	0.00, 0.93, 0.48, 0.00
HSL	331°, 100%, 54%
HSV	331°, 93%, 100%
XYZ	45.6899, 23.3861, 24.2961
YIQ	101.9730, 104.3370, 86.0090

Conversions

Conversions Part 2

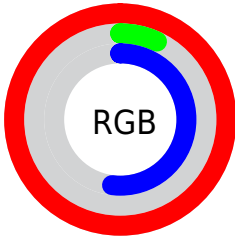
Format	Color
R_{YB}	255, 18, 133
Decimal	16716421
CIE _{Lab}	55.47, 83.63, 1.91
CIE _{LCh}	55, 83.650, 1.310
Yxy	23.3861, 0.4893, 0.2505
Android (android.graphics.Color)	4294906501 (0xFFFF1285)
YUV	101.9730, 15.2963, 134.2047
Hunter-Lab	48.3591, 84.0191, 4.0635

Details

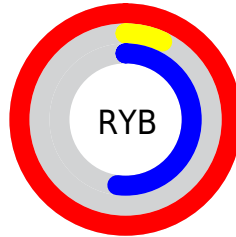
The YUV color **101.9730, 15.2963, 134.2047** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **171.0270, -15.2963, -134.2047**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9100, 13.8484, 85.1479**, and **66.6850, 8.5363, 109.0243** is the 20% darker color. If you saturate the color by 10%, you get **90.3810, 16.5742, 144.3709**, and if you desaturate by 10%, it is **118.7170, 13.4505, 119.5202**.

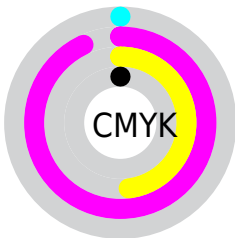
Distribution



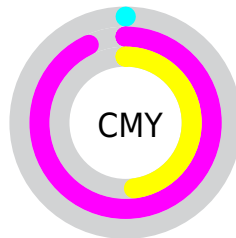
- Red (100%)
- Green (7%)
- Blue (52%)



- Red (100%)
- Yellow (7%)
- Blue (52%)



- Cyan (0%)
- Magenta (93%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (93%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.9730, 15.2963, 134.2047 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 101.9730, 15.2963, 134.2047 by changing the saturation by 10% instead.

 101.9730, 15.2963,
134.2047


 101.9730, 15.2963,
134.2047

255.0000, 0.0000,
0.0000


 78.9890, 14.3024,
126.2976


 157.9100, 13.8484,
85.1479


 66.6850, 8.5363,
109.0243


 179.7720, 16.3814,
65.9750

 54.7940, 3.0596,
92.2657


 201.2750, 20.0774,
47.1168

 43.1310, -1.5436,
75.3071

 220.3670, 17.0741,
30.3731

 31.4680, -6.1467,
58.3486

 238.5640, 8.1029,
14.4144

 20.6740, -8.7133,
41.5049

 10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,
0.0000

■ 101.9730, 15.2963,
134.2047

■ 101.9730, 15.2963,
134.2047

■ 90.3810, 16.5742,
144.3709

■ 118.7170, 13.4505,
119.5202

■ 134.8740, 11.8941,
105.3505

■ 151.6180, 10.0483,
90.6660

■ 167.8890, 8.9287,
76.3963

■ 184.6330, 7.0829,
61.7119

200.7900, 5.5265,
47.5422

217.5340, 3.6807,
32.8577

233.6910, 2.1243,
18.6880

250.4350, 0.2785,
4.0035

Harmonies

Analogous

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



127.4790, 37.7249, 80.2639



101.9730, 15.2963, 134.2047



114.1030, -25.6868, 119.1817

Triad

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



101.9730, 15.2963, 134.2047



112.8670, -55.6434, -26.1934



121.8160, 65.6597, -106.8326

Complementary

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



101.9730, 15.2963, 134.2047



171.0270, -15.2963, -134.2047

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.



119.2790, 43.2465, -104.6077



101.9730, 15.2963, 134.2047



99.7170, -21.5525, -87.4518

Square

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



101.9730, 15.2963, 134.2047



124.1390, -61.2005, 29.6961



110.9570, 11.3602, -97.3093



112.4240, 70.2900, -98.5958

Rectangle

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



101.9730, 15.2963, 134.2047



119.5400, -58.9332, 95.9964



110.9570, 11.3602, -97.3093



121.9640, 61.1497, -106.9624

Sweetspot

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



101.9730, 15.2963, 134.2047



209.1050, 4.3852, 40.2499



80.5990, 85.9797, 49.4637



99.5500, 2.6869, 24.9507



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.



101.9730, 15.2963, 134.2047



90.3810, 16.5742, 144.3709



88.8630, -34.9355, 145.7021



119.5710, 0.7045, 7.3922



67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464

Inverse Universe

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



101.9730, 15.2963, 134.2047



90.3810, 16.5742, 144.3709



184.1370, 34.9355, -145.7021



119.5710, 0.7045, 7.3922



67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 101.9730, 15.2963, 134.2047 looks on a white background.

Color Contrast Check

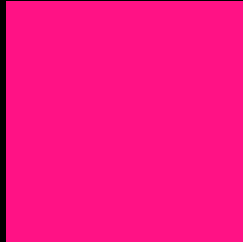
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.9730, 15.2963, 134.2047 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 101.9730, 15.2963, 134.2047 Background



This preview shows how black text looks on a background with the YUV color 101.9730, 15.2963, 134.2047.



This preview shows how white text looks on a background with the YUV color 101.9730, 15.2963,

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

101.9730, 15.2963, 134.2047

Protanopia

133.6430, 28.2770, -16.3499

Deuteranopia

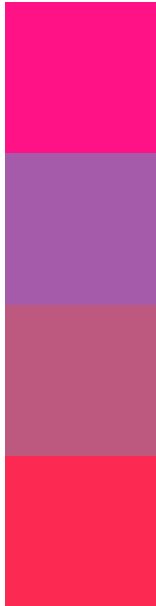
134.7800, -6.3005, 14.2249



Tritanopia

113.6040, -28.8918, 120.4963

Trichromacy



Original Color

101.9730, 15.2963, 134.2047

Protanomaly

122.4310, 23.4515, 38.2100

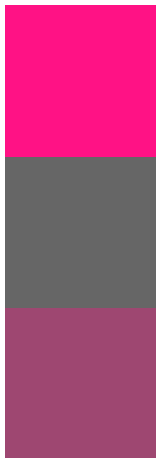
Deuteranomaly

123.1180, 1.4208, 57.7785

Tritanomaly

109.4640, -13.0468, 125.0041

Monochromacy



Original Color

101.9730, 15.2963, 134.2047

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8010, 5.5211, 49.2865

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9730, 15.2963, 134.2047 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, 18, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 18, 133)  
}
```

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, 18, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 18, 133) }
```

Border

The CSS property to change the border of an element to YUV 101.9730, 15.2963, 134.2047 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, 18, 133) }
```


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

```
.border{ border-color:rgb(255, 18, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 18, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 18, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 18, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 18,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 101.9730, 15.2963, 134.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 18, 133) }
```

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

```
.background{ background-color: rgb(255, 18,  
133) }
```

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