

Converting Colors

YUV(114.9580, 14.3177,
74.5818)

Have a look what the booklet for
YUV(114.9580, 14.3177, 74.5818)
contains.

YUV(114.9580, 14.3177, 74.5818)	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(114.9580, 14.3177,
74.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	C84290
RGB	200, 66, 144
RGB Percent	78%, 26%, 56%
CMY	0.2157, 0.7412, 0.4353
CMYK	0.00, 0.67, 0.28, 0.22
HSL	325°, 55%, 52%
HSV	325°, 67%, 78%
XYZ	30.8017, 18.1894, 28.2730
YIQ	114.9580, 54.8260, 52.6660

Conversions

Conversions Part 2

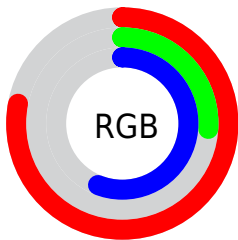
Format	Color
R_{YB}	200, 66, 144
Decimal	13124240
CIE _{Lab}	49.73, 60.14, -14.28
CIE _{LCh}	50, 61.812, 346.646
Yxy	18.1894, 0.3987, 0.2354
Android (android.graphics.Color)	4291314320 (0xFFC84290)
YUV	114.9580, 14.3177, 74.5818
Hunter-Lab	42.6490, 54.2791, -9.4504

Details

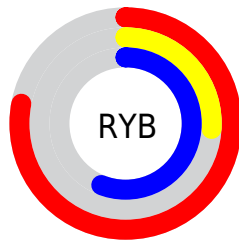
The YUV color **114.9580, 14.3177, 74.5818** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **151.0420, -14.3177, -74.5818**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0180, 13.3021, 73.6522**, and **53.1740, 20.1272, 77.9004** is the 20% darker color. If you saturate the color by 10%, you get **102.3060, 16.6111, 85.6776**, and if you desaturate by 10%, it is **127.6100, 12.0243, 63.4860**.

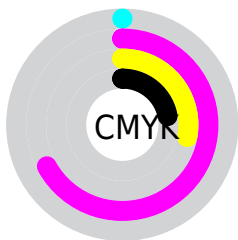
Distribution



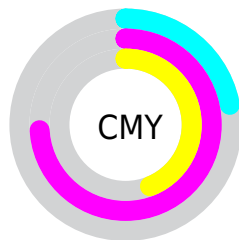
- Red (78%)
- Green (26%)
- Blue (56%)



- Red (78%)
- Yellow (26%)
- Blue (56%)



- Cyan (0%)
- Magenta (67%)
- Yellow (28%)
- Black (22%)



- Cyan (22%)
- Magenta (74%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.9580, 14.3177, 74.5818 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 114.9580, 14.3177, 74.5818 by changing the saturation by 10% instead.

■ 114.9580, 14.3177,
74.5818

■ 114.9580, 14.3177,
74.5818

255.0000, 0.0000,
0.0000

■ 84.5390, 16.4963,
75.8263

■ 171.0180, 13.3021,
73.6522

■ 53.1740, 20.1272,
77.9004

■ 190.6460, 17.4295,
56.4385

■ 42.0660, 13.7715,
63.0861

■ 210.3880, 21.9937,
39.1247

■ 31.0720, 7.8525,
48.1719

■ 227.4110, 13.6014,
24.1956

■ 21.3170, 2.8017,
34.8020

■ 244.4340, 5.2090,
9.2664

■ 8.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,

0.0000

■ 114.9580, 14.3177,
74.5818

■ 114.9580, 14.3177,
74.5818

■ 102.3060, 16.6111,
85.6776

■ 127.6100, 12.0243,
63.4860

■ 89.5400, 18.4678,
96.8734

■ 140.3760, 10.1676,
52.2902

■ 76.8880, 20.7612,
107.9692

■ 153.0280, 7.8742,
41.1944

■ 73.0240, 21.1872,
111.3580

■ 165.6800, 5.5808,
30.0986

■ 178.4460, 3.7241,
18.9029

■ 191.0980, 1.4307,
7.8071

■ 203.8640, -0.4260,
-3.3887

■ 216.5160, -2.7194,
-14.4845

■ 229.1680, -5.0128,
-25.5803

Harmonies

Analogous

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



121.5470, 34.2403, 31.0923



114.9580, 14.3177, 74.5818



110.4440, -9.5859, 88.1876

Triad

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



114.9580, 14.3177, 74.5818



107.7600, -53.1257, 6.3495



104.2960, 44.2241, -91.4676

Complementary

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



114.9580, 14.3177, 74.5818



151.0420, -14.3177, -74.5818

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.



100.1120, 23.1158, -87.7982



114.9580, 14.3177, 74.5818



98.0430, -29.1082, -43.8877

Square

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



114.9580, 14.3177, 74.5818



111.2470, -54.8448, 44.5104



93.2550, -0.6187, -81.7846



102.0910, 58.6221, -89.5338

Rectangle

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



114.9580, 14.3177, 74.5818



111.9210, -26.5831, 79.8763



93.2550, -0.6187, -81.7846



103.2870, 37.8195, -90.5827

Sweetspot

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



114.9580, 14.3177, 74.5818



222.6690, 5.5862, 28.3543



98.0200, 50.2761, 21.0305



108.3210, 3.2927, 17.2585



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.



114.9580, 14.3177, 74.5818



125.5620, 21.9079, 113.5171



107.3200, -14.9478, 81.2804



93.2610, 0.8573, 5.0331



59.5670, 17.4685, 90.7107



13.1580, 3.8661, 20.0324

Inverse Universe

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



114.9580, 14.3177, 74.5818



125.5620, 21.9079, 113.5171



158.6800, 14.9478, -81.2804



93.2610, 0.8573, 5.0331



59.5670, 17.4685, 90.7107



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 114.9580, 14.3177, 74.5818 looks on a white background.

Color Contrast Check

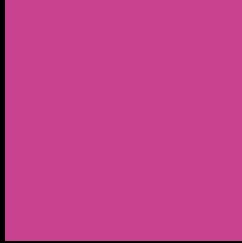
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.9580, 14.3177, 74.5818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

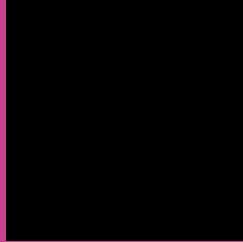
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.9580, 14.3177, 74.5818

Background



This preview shows how black text looks on a background with the YUV color 114.9580, 14.3177, 74.5818.



This preview shows how white text looks on a background with the YUV color 114.9580, 14.3177, 74.5818.

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

114.9580, 14.3177, 74.5818

Protanopia

118.0170, 31.0506, -19.3089

Deuteranopia

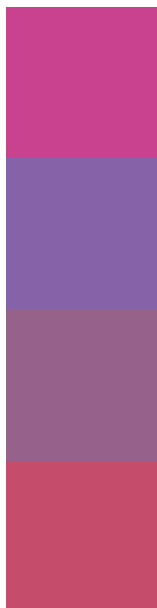
120.1880, 8.2883, 1.5891



Tritanopia

115.6560, -14.6204, 69.5847

Trichromacy



Original Color

114.9580, 14.3177, 74.5818

Protanomaly

116.7440, 25.2692, 15.1335

Deuteranomaly

118.3360, 10.6804, 27.7693

Tritanomaly

115.7130, -4.2955, 71.2887

Monochromacy



Original Color

114.9580, 14.3177, 74.5818

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9570, 5.4442, 27.2247

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9580, 14.3177, 74.5818 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(200, 66, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 66, 144)  
}
```

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(200, 66, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 66, 144) }
```

Border

The CSS property to change the border of an element to YUV 114.9580, 14.3177, 74.5818 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(200, 66, 144) }
```


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

```
.border{ border-color:rgb(200, 66, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 66, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 66, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 66, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 66,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 114.9580, 14.3177, 74.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 66, 144) }
```

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

```
.background{ background-color: rgb(200, 66,  
144) }
```

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