

Converting Colors

YUV(124.0410, 11.8118,
85.0330)

Have a look what the booklet for
YUV(124.0410, 11.8118, 85.0330)
contains.

YUV(124.0410, 11.8118, 85.0330)	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(124.0410, 11.8118,
85.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	DD4694
RGB	221, 70, 148
RGB Percent	87%, 27%, 58%
CMY	0.1333, 0.7255, 0.4196
CMYK	0.00, 0.68, 0.33, 0.13
HSL	329°, 69%, 57%
HSV	329°, 68%, 87%
XYZ	37.3542, 21.8906, 30.2735
YIQ	124.0410, 64.9580, 56.2700

Conversions

Conversions Part 2

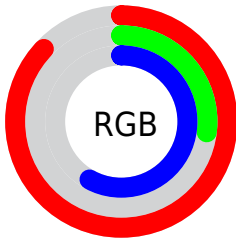
Format	Color
R_{YB}	221, 70, 148
Decimal	14501524
CIE _{Lab}	53.91, 64.90, -10.00
CIE _{LCh}	54, 65.671, 351.241
Yxy	21.8906, 0.4173, 0.2445
Android (android.graphics.Color)	4292691604 (0xFFDD4694)
YUV	124.0410, 11.8118, 85.0330
Hunter-Lab	46.7874, 60.6335, -5.6121

Details

The YUV color **124.0410, 11.8118, 85.0330** 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 **166.9590, -11.8118, -85.0330**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4090, 13.6024, 70.6783**, and **59.1970, 18.6369, 89.2812** is the 20% darker color. If you saturate the color by 10%, you get **109.8730, 13.3736, 97.4584**, and if you desaturate by 10%, it is **138.2090, 10.2500, 72.6077**.

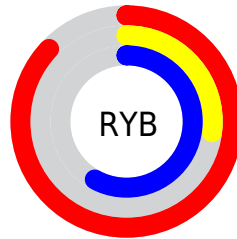
Distribution



Red (87%)

Green (27%)

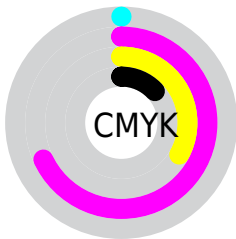
Blue (58%)



Red (87%)

Yellow (27%)

Blue (58%)

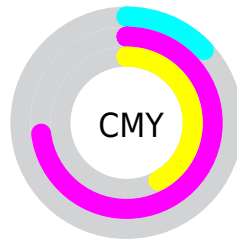


Cyan (0%)

Magenta (68%)

Yellow (33%)

Black (13%)



Cyan (13%)


Magenta (73%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.0410, 11.8118, 85.0330 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 124.0410, 11.8118, 85.0330 by changing the saturation by 10% instead.


 124.0410, 11.8118,
85.0330


 124.0410, 11.8118,
85.0330


255.0000, 0.0000,
0.0000


 92.1490, 14.7165,
86.6923


 174.4090, 13.6024,
70.6783


 59.1970, 18.6369,
89.2812

 194.6240, 17.4404,
52.9498


 47.9040, 12.8653,
73.7522


 214.4970, 19.9680,
35.5211

 36.9100, 6.9464,
58.8379

 231.5200, 11.5756,
20.5920

 26.1440, 1.9010,
43.7237

 249.1300, 2.8939,
5.1480

 14.8790, -6.3493,
29.9241

 0.0000, 0.0000,

0.0000

■ 124.0410, 11.8118,
85.0330

■ 124.0410, 11.8118,
85.0330

■ 109.8730, 13.3736,
97.4584

■ 138.2090, 10.2500,
72.6077

■ 95.8190, 15.3722,
109.7837

■ 152.2630, 8.2513,
60.2823

■ 81.6510, 16.9341,
122.2091

■ 166.4310, 6.6895,
47.8570

■ 79.0750, 17.2180,
124.4682

■ 180.5990, 5.1277,
35.4317

■ 195.2400, 2.8397,
22.5915

■ 209.4080, 1.2779,
10.1662

■ 223.5760, -0.2840,
-2.2592

■ 237.6300, -2.2826,
-14.5845

■ 243.5800, 0.2071,
-19.8027

Harmonies

Analogous

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



131.9120, 34.0604, 42.1732



124.0410, 11.8118, 85.0330



120.8100, -14.6963, 94.0056

Triad

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



124.0410, 11.8118, 85.0330



115.6900, -57.0352, 0.2719



113.3750, 51.0871, -99.4299

Complementary

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



124.0410, 11.8118, 85.0330



166.9590, -11.8118, -85.0330

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.



110.1370, 28.5265, -96.5901



124.0410, 11.8118, 85.0330



102.6710, -24.9808, -61.1015

Square

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



124.0410, 11.8118, 85.0330



120.9710, -59.6387, 42.1214



102.9380, 3.4816, -90.2766



110.2410, 64.4642, -96.6814

Rectangle

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



124.0410, 11.8118, 85.0330



122.3360, -32.7036, 83.0203



102.9380, 3.4816, -90.2766



112.9530, 44.3932, -99.0598

Sweetspot

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



124.0410, 11.8118, 85.0330



222.2130, 3.8390, 28.7542



109.0410, 55.1958, 29.7820



108.0930, 2.4192, 17.4584



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.



124.0410, 11.8118, 85.0330



120.8030, 16.3661, 117.6908



115.4910, -20.9481, 92.5314



102.8590, 0.5625, 6.2627



61.9870, 13.8104, 97.3584



16.4900, 3.7024, 25.8803

Inverse Universe

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



124.0410, 11.8118, 85.0330



120.8030, 16.3661, 117.6908



175.5090, 20.9481, -92.5314



102.8590, 0.5625, 6.2627



61.9870, 13.8104, 97.3584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 124.0410, 11.8118, 85.0330 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 124.0410, 11.8118, 85.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

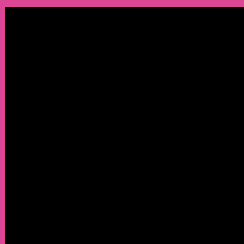
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.0410, 11.8118, 85.0330

Background



This preview shows how black text looks on a background with the YUV color 124.0410, 11.8118, 85.0330.



This preview shows how white text looks on a background with the YUV color 124.0410, 11.8118, 85.0330.

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

124.0410, 11.8118, 85.0330

Protanopia

128.7570, 28.7138, -16.4499

Deuteranopia

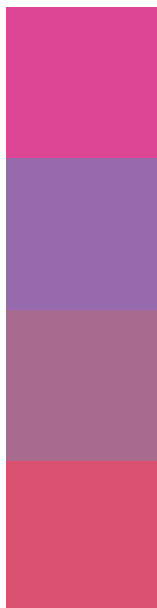
130.8850, 4.4937, 5.3629



Tritanopia

125.0380, -17.2737, 80.6507

Trichromacy



Original Color

124.0410, 11.8118, 85.0330

Protanomaly

126.7940, 22.7796, 20.3517

Deuteranomaly

128.7560, 7.0223, 34.4170

Tritanomaly

124.7960, -6.8014, 81.7399

Monochromacy



Original Color

124.0410, 11.8118, 85.0330

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7510, 4.5598, 30.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.0410, 11.8118, 85.0330 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(221, 70, 148)` looks like.

```
.text, #text, p{  
    color:rgb(221, 70, 148)  
}
```

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(221, 70, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 70, 148) }
```

Border

The CSS property to change the border of an element to YUV 124.0410, 11.8118, 85.0330 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(221, 70, 148) }
```


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

```
.border{ border-color:rgb(221, 70, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 70, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 70, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 70, 148);  
box-shadow:4px 4px 4px 4px rgb(221, 70,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 124.0410, 11.8118, 85.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 70, 148) }
```

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

```
.background{ background-color: rgb(221, 70,  
148) }
```

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