

Converting Colors

YUV(119.0680, 14.2635,
92.0254)

Have a look what the booklet for
YUV(119.0680, 14.2635, 92.0254)
contains.

YUV(119.0680, 14.2635, 92.0254)	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(119.0680, 14.2635,
92.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	E03C94
RGB	224, 60, 148
RGB Percent	88%, 24%, 58%
CMY	0.1216, 0.7647, 0.4196
CMYK	0.00, 0.73, 0.34, 0.12
HSL	328°, 73%, 56%
HSV	328°, 73%, 88%
XYZ	37.7016, 21.2171, 30.1252
YIQ	119.0680, 69.4960, 62.1360

Conversions

Conversions Part 2

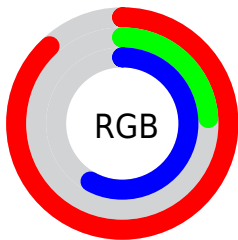
Format	Color
RYB	224, 60, 148
Decimal	14695572
CIELab	53.19, 69.16, -11.04
CIElCh	53, 70.034, 350.934
Yxy	21.2171, 0.4234, 0.2383
Android (android.graphics.Color)	4292885652 (0xFFE03C94)
YUV	119.0680, 14.2635, 92.0254
Hunter-Lab	46.0621, 65.4930, -6.5330

Details

The YUV color **119.0680, 14.2635, 92.0254** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **164.9320, -14.2635, -92.0254**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3000, 15.6281, 74.2819**, and **60.0940, 18.1947, 91.1256** is the 20% darker color. If you saturate the color by 10%, you get **105.0140, 16.2621, 104.3507**, and if you desaturate by 10%, it is **133.1220, 12.2649, 79.7000**.

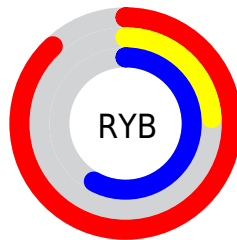
Distribution



Red (88%)

Green (24%)

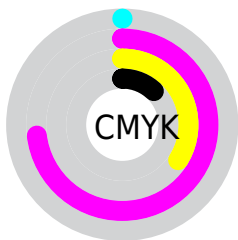
Blue (58%)



Red (88%)

Yellow (24%)

Blue (58%)

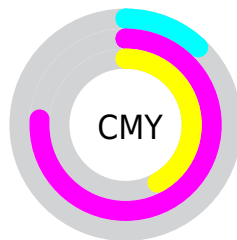


Cyan (0%)

Magenta (73%)

Yellow (34%)

Black (12%)



Cyan (12%)


Magenta (76%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.0680, 14.2635, 92.0254 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 119.0680, 14.2635, 92.0254 by changing the saturation by 10% instead.


 119.0680, 14.2635,
92.0254


 119.0680, 14.2635,
92.0254


255.0000, 0.0000,
0.0000


 82.4800, 19.4834,
97.8030


 170.3000, 15.6281,
74.2819


 60.0940, 18.1947,
91.1256


 190.5150, 19.4661,
56.5533


 48.5020, 12.5705,
74.9817


 210.3880, 21.9937,
39.1247

 37.2090, 6.7990,
59.4527

 227.4110, 13.6014,
24.1956

 26.4430, 1.7536,
44.3385

 245.0210, 4.9196,
8.7516

 15.1780, -6.4968,
30.5389

 0.0000, 0.0000,

0.0000

■ 119.0680, 14.2635,
92.0254

■ 119.0680, 14.2635,
92.0254

■ 105.0140, 16.2621,
104.3507

■ 133.1220, 12.2649,
79.7000

■ 90.2590, 18.1133,
117.2909

■ 147.8770, 10.4136,
66.7599

■ 80.6560, 19.3966,
125.7127

■ 161.9310, 8.4150,
54.4345

■ 176.6860, 6.5638,
41.4944

■ 190.7400, 4.5652,
29.1690

■ 204.7940, 2.5666,
16.8437

■ 219.5490, 0.7153,
3.9035

■ 233.6030, -1.2833,
-8.4218

■ 244.1350, -1.5456,
-17.6584

Harmonies

Analogous

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



129.3190, 36.8177, 44.4472



119.0680, 14.2635, 92.0254



115.4950, -13.5550, 101.2979

Triad

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



119.0680, 14.2635, 92.0254



114.2060, -56.3036, -1.0577



113.1300, 52.6869, -99.2150

Complementary

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



119.0680, 14.2635, 92.0254



164.9320, -14.2635, -92.0254

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.



109.6640, 29.2526, -96.1753



119.0680, 14.2635, 92.0254



93.5830, -24.9374, -75.0563

Square

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



119.0680, 14.2635, 92.0254



119.4980, -58.9125, 42.5363



101.8950, 2.0238, -89.3619



110.3380, 67.3744, -96.7664

Rectangle

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



119.0680, 14.2635, 92.0254



119.0270, -34.0303, 88.5533



101.8950, 2.0238, -89.3619



112.5940, 45.5562, -98.7449

Sweetspot

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



119.0680, 14.2635, 92.0254



219.1640, 4.8491, 31.4282



100.8220, 60.7268, 29.0971



106.2180, 2.8505, 19.1028



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.



119.0680, 14.2635, 92.0254



111.6560, 19.3966, 125.7127



109.9480, -20.6804, 100.0236



104.9730, 0.9993, 6.1627



63.3400, 15.1154, 98.8028



17.3160, 4.2812, 26.9099

Inverse Universe

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



119.0680, 14.2635, 92.0254



111.6560, 19.3966, 125.7127



174.0520, 20.6804, -100.0236



104.9730, 0.9993, 6.1627



63.3400, 15.1154, 98.8028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 119.0680, 14.2635, 92.0254 looks on a white background.

Color Contrast Check

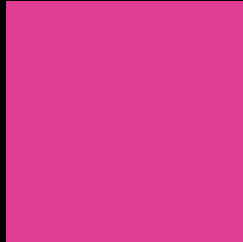
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0680, 14.2635, 92.0254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

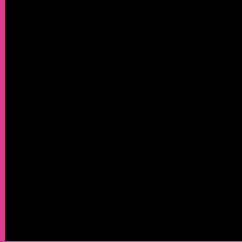
Any Text WCAG AA ✓ Pass

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 119.0680, 14.2635, 92.0254 Background



This preview shows how black text looks on a background with the YUV color 119.0680, 14.2635, 92.0254.



This preview shows how white text looks on a background with the YUV color 119.0680, 14.2635, 92.0254.

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

119.0680, 14.2635, 92.0254

Protanopia

126.4730, 32.7978, -19.7088

Deuteranopia

128.7000, 5.0779, 4.6481



Tritanopia

120.7290, -18.6004, 86.1837

Trichromacy



Original Color

119.0680, 14.2635, 92.0254



Protanomaly

123.7170, 26.2685, 21.2962



Deuteranomaly

125.4080, 8.1799, 36.4762



Tritanomaly

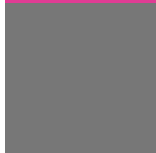
119.9540, -6.3863, 88.6173

Monochromacy



Original Color

119.0680, 14.2635, 92.0254



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.2890, 5.2805, 33.0725

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0680, 14.2635, 92.0254 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(224, 60, 148)` looks like.

```
.text, #text, p{  
    color:rgb(224, 60, 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(224, 60, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 60, 148) }
```

Border

The CSS property to change the border of an element to YUV 119.0680, 14.2635, 92.0254 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(224, 60, 148) }
```


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

```
.border{ border-color:rgb(224, 60, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 60, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 60, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 60, 148);  
box-shadow:4px 4px 4px 4px rgb(224, 60,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 119.0680, 14.2635, 92.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 60, 148) }
```

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

```
.background{ background-color: rgb(224, 60,  
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