

Converting Colors

YUV(119.6040, 17.9432,
78.4003)

Have a look what the booklet for
YUV(119.6040, 17.9432, 78.4003)
contains.

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Color

**YUV(119.6040, 17.9432,
78.4003)**

Conversions

Conversions Part 1

Format	Color
Hex	D1439C
RGB	209, 67, 156
RGB Percent	82%, 26%, 61%
CMY	0.1804, 0.7373, 0.3882
CMYK	0.00, 0.68, 0.25, 0.18
HSL	322°, 61%, 54%
HSV	322°, 68%, 82%
XYZ	34.3024, 19.9699, 33.4991
YIQ	119.6040, 56.0630, 57.7830

Conversions

Conversions Part 2

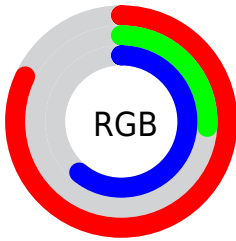
Format	Color
R_{YB}	209, 67, 156
Decimal	13714332
CIE _{Lab}	51.80, 63.73, -18.11
CIE _{LCh}	52, 66.255, 344.133
Yxy	19.9699, 0.3908, 0.2275
Android (android.graphics.Color)	4291904412 (0xFFD1439C)
YUV	119.6040, 17.9432, 78.4003
Hunter-Lab	44.6877, 58.8135, -13.1640

Details

The YUV color **119.6040, 17.9432, 78.4003** 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 **156.3960, -17.9432, -78.4003**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6740, 18.4017, 71.3229**, and **57.1190, 23.6053, 82.3336** is the 20% darker color. If you saturate the color by 10%, you get **106.3650, 20.5261, 90.0109**, and if you desaturate by 10%, it is **132.8430, 15.3604, 66.7897**.

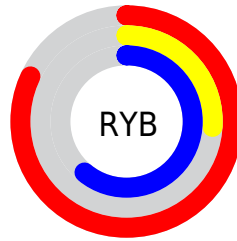
Distribution



Red (82%)

Green (26%)

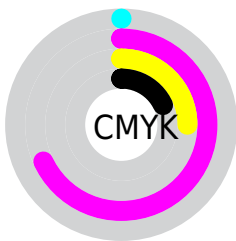
Blue (61%)



Red (82%)

Yellow (26%)

Blue (61%)

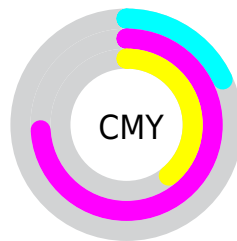


Cyan (0%)

Magenta (68%)

Yellow (25%)

Black (18%)



Cyan (18%)


Magenta (74%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.6040, 17.9432, 78.4003 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 119.6040, 17.9432, 78.4003 by changing the saturation by 10% instead.


 119.6040, 17.9432,
78.4003


 119.6040, 17.9432,
78.4003


255.0000, 0.0000,
0.0000


 88.5980, 20.4112,
80.1596


 173.6740, 18.4017,
71.3229


 57.1190, 23.6053,
82.3336

 193.3020, 22.5291,
54.1091


 45.5980, 16.9602,
67.0046


 212.1490, 21.1255,
37.5803

 34.6040, 11.0412,
52.0903

 229.1720, 12.7332,
22.6512

 24.4360, 5.7011,
38.2056

 246.1950, 4.3409,
7.7220

 13.2140, -1.0915,
23.4913

 0.0000, 0.0000,

0.0000

■ 119.6040, 17.9432,
78.4003

■ 119.6040, 17.9432,
78.4003

■ 106.3650, 20.5261,
90.0109

■ 132.8430, 15.3604,
66.7897

■ 93.1260, 23.1089,
101.6215

■ 146.0820, 12.7776,
55.1791

■ 80.0010, 26.1285,
113.1321

■ 159.2070, 9.7579,
43.6685

■ 77.4250, 26.4125,
115.3913

■ 172.4460, 7.1751,
32.0579

■ 185.0980, 4.8817,
20.9621

■ 198.3370, 2.2989,
9.3515

■ 211.5760, -0.2840,
-2.2592

■ 224.7010, -3.3036,
-13.7698

■ 237.9400, -5.8864,
-25.3804

Harmonies

Analogous

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



126.7900, 39.0505, 28.2482



119.6040, 17.9432, 78.4003



113.7700, -7.2816, 95.7947

Triad

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



119.6040, 17.9432, 78.4003



112.7990, -55.6099, 9.8233



109.3170, 45.6927, -95.8710

Complementary

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



119.6040, 17.9432, 78.4003



156.3960, -17.9432, -78.4003

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.



104.5630, 22.4004, -91.7018



119.6040, 17.9432, 78.4003



102.7460, -35.3708, -41.8732

Square

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



119.6040, 17.9432, 78.4003



116.2970, -57.3344, 49.7285



96.5490, -3.2287, -84.6735



107.5680, 61.8380, -94.3371

Rectangle

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



119.6040, 17.9432, 78.4003



115.2040, -25.7366, 88.3981



96.5490, -3.2287, -84.6735



108.0800, 38.4146, -94.7862

Sweetspot

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



119.6040, 17.9432, 78.4003



222.8970, 6.4598, 28.1543



98.7360, 54.3602, 17.7715



108.4350, 3.7295, 17.1585



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.



119.6040, 17.9432, 78.4003



123.4250, 26.4125, 115.3913



111.6240, -12.6326, 85.3988



98.0870, 1.4361, 6.0627



62.2020, 21.0994, 92.7848



15.2230, 5.3131, 22.6064

Inverse Universe

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



119.6040, 17.9432, 78.4003



123.4250, 26.4125, 115.3913



164.3760, 12.6326, -85.3988



98.0870, 1.4361, 6.0627



62.2020, 21.0994, 92.7848



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 119.6040, 17.9432, 78.4003 looks on a white background.

Color Contrast Check

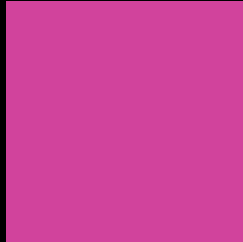
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.6040, 17.9432, 78.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

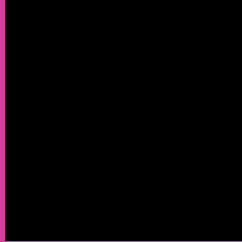
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.6040, 17.9432, 78.4003

Background



This preview shows how black text looks on a background with the YUV color 119.6040, 17.9432, 78.4003.



This preview shows how white text looks on a background with the YUV color 119.6040, 17.9432, 78.4003.

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

119.6040, 17.9432, 78.4003

Protanopia

122.7760, 36.5924, -23.4826

Deuteranopia

124.9750, 11.3513, -0.8551



Tritanopia

120.8520, -15.2100, 72.0438

Trichromacy



Original Color

119.6040, 17.9432, 78.4003



Protanomaly

121.5850, 29.7846, 13.5190



Deuteranomaly

122.8460, 13.8799, 28.1991



Tritanomaly

120.0770, -2.9960, 74.4775

Monochromacy



Original Color

119.6040, 17.9432, 78.4003



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

119.8970, 6.4598, 28.1543

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6040, 17.9432, 78.4003 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(209, 67, 156)` looks like.

```
.text, #text, p{  
    color:rgb(209, 67, 156)  
}
```

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(209, 67, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 67, 156) }
```

Border

The CSS property to change the border of an element to YUV 119.6040, 17.9432, 78.4003 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(209, 67, 156) }
```


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

```
.border{ border-color:rgb(209, 67, 156) }
```

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

Here you see how a box with a 4 pixel rgb(209, 67, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 67, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 67, 156);  
box-shadow:4px 4px 4px 4px rgb(209, 67,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 119.6040, 17.9432, 78.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 67, 156) }
```

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

```
.background{ background-color: rgb(209, 67,  
156) }
```

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](#).

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