

Converting Colors

YUV(115.3640, 1.7925, 78.6108)

Have a look what the booklet for
YUV(115.3640, 1.7925, 78.6108)
contains.

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Color

**YUV(115.3640, 1.7925,
78.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	CD4577
RGB	205, 69, 119
RGB Percent	80%, 27%, 47%
CMY	0.1961, 0.7294, 0.5333
CMYK	0.00, 0.66, 0.42, 0.20
HSL	338°, 58%, 54%
HSV	338°, 66%, 80%
XYZ	30.6347, 18.5673, 19.4220
YIQ	115.3640, 65.0060, 44.3820

Conversions

Conversions Part 2

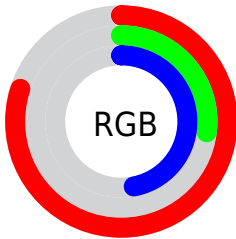
Format	Color
R_{YB}	205, 69, 119
Decimal	13452663
CIE _{Lab}	50.18, 57.57, 1.51
CIE _{LCh}	50, 57.591, 1.507
Yxy	18.5673, 0.4464, 0.2706
Android (android.graphics.Color)	4291642743 (0xFFCD4577)
YUV	115.3640, 1.7925, 78.6108
Hunter-Lab	43.0898, 51.4977, 3.4389

Details

The YUV color **115.3640, 1.7925, 78.6108** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **158.6360, -1.7925, -78.6108**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1140, 0.9298, 75.3220**, and **51.7480, 9.4912, 82.6590** is the 20% darker color. If you saturate the color by 10%, you get **101.5550, 2.1914, 90.7213**, and if you desaturate by 10%, it is **128.5860, 1.6831, 67.0151**.

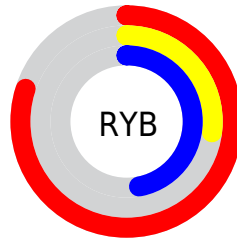
Distribution



Red (80%)

Green (27%)

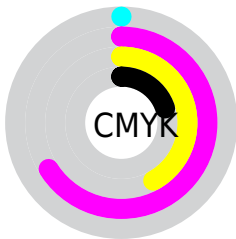
Blue (47%)



Red (80%)

Yellow (27%)

Blue (47%)

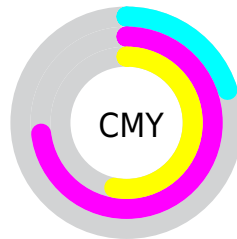


Cyan (0%)

Magenta (66%)

Yellow (42%)

Black (20%)



Cyan (20%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3640, 1.7925, 78.6108 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 115.3640, 1.7925, 78.6108 by changing the saturation by 10% instead.

 115.3640, 1.7925,
78.6108

 115.3640, 1.7925,
78.6108

255.0000, 0.0000,
0.0000

 85.3470, 4.2659,
78.6257

 169.1140, 0.9298,
75.3220


 51.7480, 9.4912,
82.6590


 188.6280, 4.6204,
58.2082


 40.5690, 4.1565,
67.0300


 208.2560, 8.7478,
40.9945

 29.5040, -0.7415,
51.3010

 228.5850, 13.0226,
23.1660

 19.4780, -8.1237,
39.0458

 246.1950, 4.3409,
7.7220

 8.7850, -3.8380,
17.7286

 0.0000, 0.0000,

0.0000

■ 115.3640, 1.7925,
78.6108

■ 115.3640, 1.7925,
78.6108

■ 101.5550, 2.1914,
90.7213

■ 128.5860, 1.6831,
67.0151

■ 88.3330, 2.3008,
102.3170

■ 142.3950, 1.2843,
54.9046

■ 74.5240, 2.6997,
114.4275

■ 156.2040, 0.8854,
42.7941

■ 69.8450, 2.5414,
118.5309

■ 169.4260, 0.7760,
31.1984

■ 182.6480, 0.6665,
19.6027

■ 196.4570, 0.2677,
7.4922

■ 209.6790, 0.1583,
-4.1035

■ 223.4880, -0.2406,
-16.2140

■ 236.7100, -0.3500,
-27.8097

Harmonies

Analogous

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



120.9920, 22.6819, 51.7500



115.3640, 1.7925, 78.6108



114.5770, -21.4835, 77.5470

Triad

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



115.3640, 1.7925, 78.6108



106.7280, -41.2779, -13.7935



103.2020, 50.1864, -90.5082

Complementary

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



115.3640, 1.7925, 78.6108



158.6360, -1.7925, -78.6108

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.



102.0330, 33.0147, -89.4829



115.3640, 1.7925, 78.6108



89.5730, -9.6495, -78.5555

Square

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



115.3640, 1.7925, 78.6108



111.4250, -54.9325, 25.9373



97.0340, 11.3222, -85.0988



97.6400, 59.3375, -85.6303

Rectangle

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



115.3640, 1.7925, 78.6108



115.3030, -36.1384, 64.6323



97.0340, 11.3222, -85.0988



103.9370, 45.3871, -91.1527

Sweetspot

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



115.3640, 1.7925, 78.6108



221.4150, 0.7814, 29.4540



109.6200, 47.0223, 38.0443



107.5230, 0.2352, 17.9583



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.



115.3640, 1.7925, 78.6108



120.5460, 2.6888, 117.9162



119.0560, -24.6776, 75.3729



95.4460, 0.2731, 5.7479



56.5880, 2.1751, 95.9543



12.9580, 0.5137, 21.9618

Inverse Universe

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



115.3640, 1.7925, 78.6108



120.5460, 2.6888, 117.9162



154.9440, 24.6776, -75.3729



95.4460, 0.2731, 5.7479



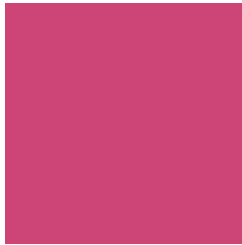
56.5880, 2.1751, 95.9543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 115.3640, 1.7925, 78.6108 looks on a white background.

Color Contrast Check

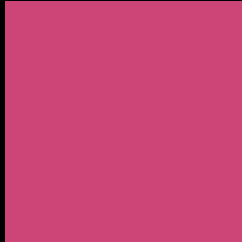
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.3640, 1.7925, 78.6108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

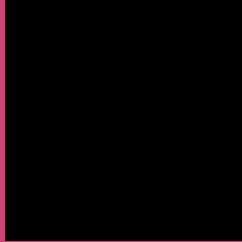
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.3640, 1.7925, 78.6108

Background



This preview shows how black text looks on a background with the YUV color 115.3640, 1.7925, 78.6108.

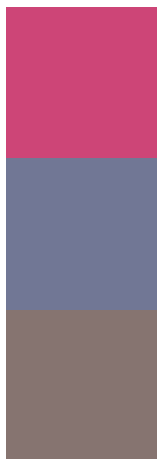


This preview shows how white text looks on a background with the YUV color 115.3640, 1.7925,

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

115.3640, 1.7925, 78.6108

Protanopia

120.6260, 13.9884, -6.6880

Deuteranopia

120.9260, -4.4005, 11.4659



Tritanopia

115.2440, -16.3893, 76.9620

Trichromacy



Original Color

115.3640, 1.7925, 78.6108

Protanomaly

118.6730, 9.5282, 23.9658

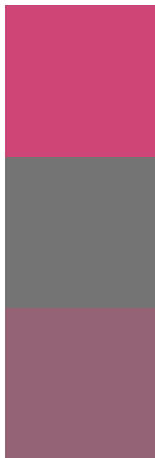
Deuteranomaly

119.0630, -2.0031, 35.9017

Tritanomaly

115.2640, -9.9902, 77.8215

Monochromacy



Original Color

115.3640, 1.7925, 78.6108

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0020, 0.4920, 28.9392

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3640, 1.7925, 78.6108 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(205, 69, 119)` looks like.

```
.text, #text, p{  
    color:rgb(205, 69, 119)  
}
```

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(205, 69, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 69, 119) }
```

Border

The CSS property to change the border of an element to YUV 115.3640, 1.7925, 78.6108 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(205, 69, 119) }
```


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

```
.border{ border-color:rgb(205, 69, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 69, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 69, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 69, 119);  
box-shadow:4px 4px 4px 4px rgb(205, 69,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 115.3640, 1.7925, 78.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 69, 119) }
```

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

```
.background{ background-color: rgb(205, 69,  
119) }
```

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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