

Converting Colors

YUV(78.9480, -0.4674,
103.5316)

Have a look what the booklet for
YUV(78.9480, -0.4674, 103.5316)
contains.

YUV(78.9480, -0.4674, 103.5316)	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(78.9480, -0.4674,
103.5316)**

Conversions

Conversions Part 1

Format	Color
Hex	C5134E
RGB	197, 19, 78
RGB Percent	77%, 7%, 31%
CMY	0.2275, 0.9255, 0.6941
CMYK	0.00, 0.90, 0.60, 0.23
HSL	340°, 82%, 42%
HSV	340°, 90%, 77%
XYZ	24.6340, 12.8861, 8.3966
YIQ	78.9480, 87.1490, 56.0850

Conversions

Conversions Part 2

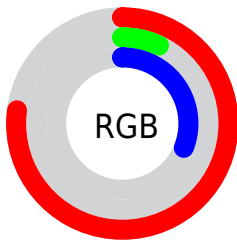
Format	Color
R_{YB}	197, 19, 78
Decimal	12915534
CIE _{Lab}	42.59, 66.24, 15.89
CIE _{LCh}	43, 68.119, 13.490
Yxy	12.8861, 0.5365, 0.2806
Android (android.graphics.Color)	4291105614 (0xFFC5134E)
YUV	78.9480, -0.4674, 103.5316
Hunter-Lab	35.8972, 59.6729, 11.2597

Details

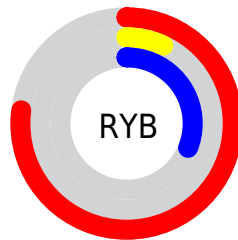
The YUV color **78.9480, -0.4674, 103.5316** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **137.0520, 0.4674, -103.5316**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1400, -8.4500, 97.2242**, and **44.6540, -4.7594, 80.1104** is the 20% darker color. If you saturate the color by 10%, you get **66.3130, -0.6473, 114.6125**, and if you desaturate by 10%, it is **92.1700, -0.5768, 91.9359**.

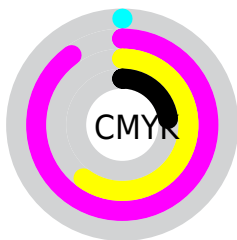
Distribution



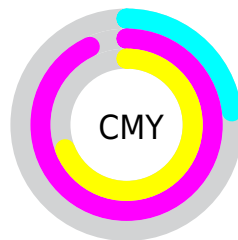
- Red (77%)
- Green (7%)
- Blue (31%)



- Red (77%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (90%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9480, -0.4674, 103.5316 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 78.9480, -0.4674, 103.5316 by changing the saturation by 10% instead.

■ 78.9480, -0.4674,
103.5316

■ 78.9480, -0.4674,
103.5316

255.0000, 0.0000,
0.0000

■ 56.0180, -0.0089,
96.4542

■ 144.1400, -8.4500,
97.2242

■ 44.6540, -4.7594,
80.1104

■ 164.0130, -5.9224,
79.7956

■ 32.8770, -9.7994,
63.2519

■ 184.1140, -2.5212,
62.1670

■ 22.9520, -10.3293,
46.5231

■ 204.3290, 1.3168,
44.4385

■ 13.9820, -5.9071,
28.0798

■ 224.5440, 5.1548,
26.7099

■ 0.0000, 0.0000,
0.0000

■ 244.4340, 5.2090,

■ 78.9480, -0.4674,
103.5316

■ 78.9480, -0.4674,
103.5316

■ 66.3130, -0.6473,
114.6125

■ 92.1700, -0.5768,
91.9359

■ 104.8050, -0.3969,
80.8550

■ 118.1410, -0.0695,
69.1593

■ 131.3630, -0.1790,
57.5636

■ 144.5850, -0.2884,
45.9680

■ 157.2200, -0.1085,
34.8871

■ 170.4420, -0.2179,
23.2914

■ 183.6640, -0.3274,
11.6957

■ 196.4130, 0.2894,
0.5148

Harmonies

Analogous

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



89.3640, 22.0055, 82.1188



78.9480, -0.4674, 103.5316



89.7980, -33.4244, 80.8612

Triad

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



78.9480, -0.4674, 103.5316



74.6590, -36.8069, -47.9359



92.0320, 58.1582, -80.7121

Complementary

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



78.9480, -0.4674, 103.5316



137.0520, 0.4674, -103.5316

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.



92.4930, 42.1550, -81.1164



78.9480, -0.4674, 103.5316



79.7250, -6.7664, -69.9188

Square

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



78.9480, -0.4674, 103.5316



91.8230, -45.2687, 6.2942



87.0380, 18.7153, -76.3323



82.2810, 63.9515, -72.1604

Rectangle

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



78.9480, -0.4674, 103.5316



93.3380, -46.0156, 59.3396



87.0380, 18.7153, -76.3323



92.8810, 53.7957, -81.4566

Sweetspot

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



78.9480, -0.4674, 103.5316



209.2530, -0.1247, 40.1201



74.8730, 60.2086, 55.3624



100.7410, -0.3653, 23.9061



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.



78.9480, -0.4674, 103.5316



85.9350, -0.4610, 148.2700



89.8320, -34.9202, 93.9863



93.0330, -0.0163, 5.2331



54.8930, -0.4402, 94.8098



12.1320, -0.0651, 20.9322

Inverse Universe

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



78.9480, -0.4674, 103.5316



85.9350, -0.4610, 148.2700



126.1680, 34.9202, -93.9863



93.0330, -0.0163, 5.2331



54.8930, -0.4402, 94.8098



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 78.9480, -0.4674, 103.5316 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 78.9480, -0.4674, 103.5316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

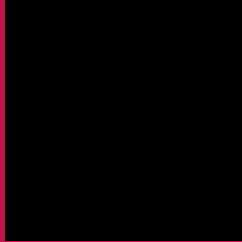
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9480, -0.4674, 103.5316

Background



This preview shows how black text looks on a background with the YUV color 78.9480, -0.4674, 103.5316.



This preview shows how white text looks on a background with the YUV color 78.9480, -0.4674,

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

78.9480, -0.4674, 103.5316

Protanopia

102.2540, 4.8048, -1.0998

Deuteranopia

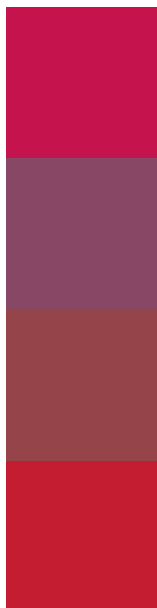
101.9840, -15.7681, 17.5540



Tritanopia

82.7260, -24.0219, 98.4643

Trichromacy



Original Color

78.9480, -0.4674, 103.5316

Protanomaly

93.7410, 3.0857, 37.0611

Deuteranomaly

93.3760, -10.0454, 48.7822

Tritanomaly

81.3270, -15.4442, 100.5682

Monochromacy



Original Color

78.9480, -0.4674, 103.5316

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9430, 0.0281, 37.7610

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9480, -0.4674, 103.5316 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(197, 19, 78)` looks like.

```
.text, #text, p{  
    color:rgb(197, 19, 78)  
}
```

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(197, 19, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 19, 78) }
```

Border

The CSS property to change the border of an element to YUV 78.9480, -0.4674, 103.5316 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(197, 19, 78) }
```


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

```
.border{ border-color:rgb(197, 19, 78) }
```

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

Here you see how a box with a 4 pixel rgb(197, 19, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 19, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 19, 78);  
box-shadow:4px 4px 4px 4px rgb(197, 19,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 78.9480, -0.4674, 103.5316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 19, 78) }
```

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

```
.background{ background-color: rgb(197, 19,  
78) }
```

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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