

Converting Colors

YUV(96.8240, -9.2802, 83.4694)

Have a look what the booklet for
YUV(96.8240, -9.2802, 83.4694)
contains.

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Color

**YUV(96.8240, -9.2802,
83.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	C0344E
RGB	192, 52, 78
RGB Percent	75%, 20%, 31%
CMY	0.2471, 0.7961, 0.6941
CMYK	0.00, 0.73, 0.59, 0.25
HSL	349°, 57%, 48%
HSV	349°, 73%, 75%
XYZ	24.3414, 14.2125, 8.6681
YIQ	96.8240, 75.0940, 37.7660

Conversions

Conversions Part 2

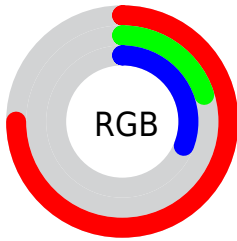
Format	Color
R_{YB}	192, 52, 78
Decimal	12596302
CIE Lab	44.54, 56.59, 18.34
CIE LCh	45, 59.486, 17.953
Yxy	14.2125, 0.5155, 0.3010
Android (android.graphics.Color)	4290786382 (0xFFC0344E)
YUV	96.8240, -9.2802, 83.4694
Hunter-Lab	37.6995, 49.2777, 12.7573

Details

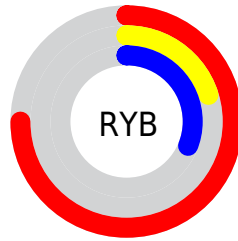
The YUV color **96.8240, -9.2802, 83.4694** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **147.1760, 9.2802, -83.4694**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4070, -13.5117, 87.3431**, and **43.3440, -4.6066, 77.7513** is the 20% darker color. If you saturate the color by 10%, you get **83.8470, -10.7706, 94.8502**, and if you desaturate by 10%, it is **109.8010, -7.7899, 72.0885**.

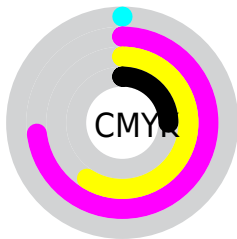
Distribution



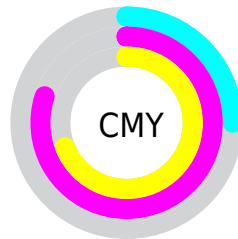
- Red (75%)
- Green (20%)
- Blue (31%)



- Red (75%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (73%)
- Yellow (59%)
- Black (25%)





- Cyan (25%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.8240, -9.2802, 83.4694 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 96.8240, -9.2802, 83.4694 by changing the saturation by 10% instead.


 96.8240, -9.2802,
83.4694


 96.8240, -9.2802,
83.4694


255.0000, 0.0000,
0.0000

 63.5130, -4.1969,
86.3731


 154.4070,
-13.5117, 87.3431


 43.3440, -4.6066,
77.7513


 174.1060,
-10.4053, 70.9440

 31.9800, -9.3571,
61.4075

 193.5060, -7.1515,
53.9302

 22.2400, -10.4713,
45.3935

 213.1340, -3.0241,
36.7165

 13.5690, -6.1965,
27.5650

 233.3490, 0.8139,
18.9879

 0.0000, 0.0000,
0.0000

 253.2390, 0.8682,

1.5444

■ 96.8240, -9.2802,
83.4694

■ 96.8240, -9.2802,
83.4694

■ 83.8470, -10.7706,
94.8502

■ 109.8010, -7.7899,
72.0885

■ 70.9840, -11.8241,
106.1310

■ 122.6640, -6.7364,
60.8077

■ 61.5120, -12.5774,
114.4380

■ 136.2280, -5.5354,
48.9120

■ 149.2050, -4.0451,
37.5312

■ 162.0680, -2.9915,
26.2504

■ 175.0450, -1.5012,
14.8695

■ 187.9080, -0.4476,
3.5887

■ 201.4720, 0.7533,
-8.3069

■ 214.4490, 2.2436,
-19.6878

Harmonies

Analogous

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



100.3060, 13.1601, 72.5226



96.8240, -9.2802, 83.4694



99.3080, -33.6758, 68.1359

Triad

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



96.8240, -9.2802, 83.4694



84.7160, -26.4820, -46.2319



91.8210, 54.8112, -80.5270

Complementary

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



96.8240, -9.2802, 83.4694



147.1760, 9.2802, -83.4694

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.



93.6670, 41.5762, -82.1460



96.8240, -9.2802, 83.4694



83.4240, -0.2090, -73.1628

Square

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



96.8240, -9.2802, 83.4694



95.3450, -47.0051, 3.2054



90.5260, 21.9257, -79.3913



97.9340, 50.3185, -39.4071

Rectangle

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



96.8240, -9.2802, 83.4694



98.8870, -48.7513, 50.0881



90.5260, 21.9257, -79.3913



92.8980, 51.3223, -81.4715

Sweetspot

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



96.8240, -9.2802, 83.4694



212.5850, -3.7394, 32.8130



101.4480, 44.6421, 54.8581



102.5510, -2.2436, 19.6878



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.8240, -9.2802, 83.4694



100.4540, -14.5208, 131.1518



118.5140, -32.7914, 64.4472



90.2180, -0.6005, 5.9478



51.5590, -10.6286, 95.9798



10.5510, -2.2436, 19.6878

Inverse Universe

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



96.8240, -9.2802, 83.4694



100.4540, -14.5208, 131.1518



125.4860, 32.7914, -64.4472



90.2180, -0.6005, 5.9478



51.5590, -10.6286, 95.9798



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 96.8240, -9.2802, 83.4694 looks on a white background.

Color Contrast Check

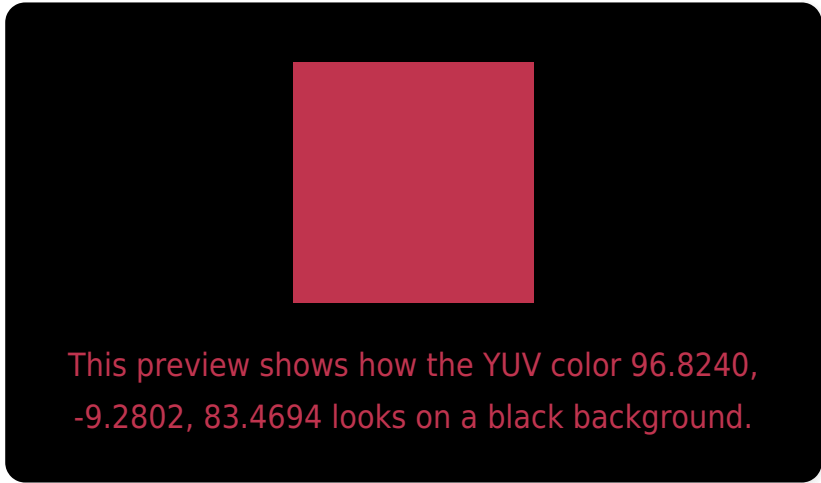
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

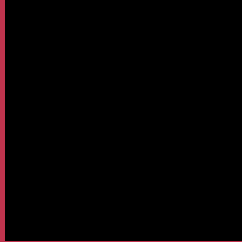
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8240, -9.2802, 83.4694

Background



This preview shows how black text looks on a background with the YUV color 96.8240, -9.2802, 83.4694.



This preview shows how white text looks on a background with the YUV color 96.8240, -9.2802,

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

96.8240, -9.2802, 83.4694

Protanopia

106.5550, -1.7526, 2.1443

Deuteranopia

105.9410, -17.2259, 18.4687



Tritanopia

96.5930, -19.0263, 82.7949

Trichromacy



Original Color

96.8240, -9.2802, 83.4694

Protanomaly

102.7590, -4.3182, 31.7834

Deuteranomaly

102.8930, -14.2442, 42.1898

Tritanomaly

96.8040, -15.6794, 82.6099

Monochromacy



Original Color

96.8240, -9.2802, 83.4694

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2750, -3.5866, 30.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8240, -9.2802, 83.4694 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(192, 52, 78)` looks like.

```
.text, #text, p{  
    color:rgb(192, 52, 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(192, 52, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 52, 78) }
```

Border

The CSS property to change the border of an element to YUV 96.8240, -9.2802, 83.4694 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(192, 52, 78) }
```


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

```
.border{ border-color:rgb(192, 52, 78) }
```

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

Here you see how a box with a 4 pixel rgb(192, 52, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 52, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 52, 78);  
box-shadow:4px 4px 4px 4px rgb(192, 52,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 96.8240, -9.2802, 83.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 52, 78) }
```

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

```
.background{ background-color: rgb(192, 52,  
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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