

Converting Colors

YUV(99.1890, -9.4602, 94.5502)

Have a look what the booklet for
YUV(99.1890, -9.4602, 94.5502)
contains.

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Color

**YUV(99.1890, -9.4602,
94.5502)**

Conversions

Conversions Part 1

Format	Color
Hex	CF3050
RGB	207, 48, 80
RGB Percent	81%, 19%, 31%
CMY	0.1882, 0.8118, 0.6863
CMYK	0.00, 0.77, 0.61, 0.19
HSL	348°, 62%, 50%
HSV	348°, 77%, 81%
XYZ	28.2370, 15.9585, 9.1815
YIQ	99.1890, 84.4920, 43.6600

Conversions

Conversions Part 2

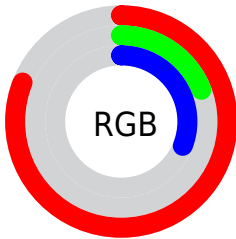
Format	Color
R_{YB}	207, 48, 80
Decimal	13578320
CIE Lab	46.92, 62.42, 20.78
CIE LCh	47, 65.790, 18.412
Yxy	15.9585, 0.5290, 0.2990
Android (android.graphics.Color)	4291768400 (0xFFCF3050)
YUV	99.1890, -9.4602, 94.5502
Hunter-Lab	39.9481, 56.2625, 14.3368

Details

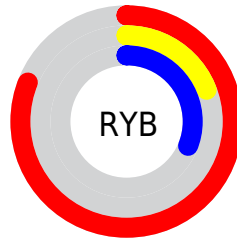
The YUV color **99.1890, -9.4602, 94.5502** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **155.8110, 9.4602, -94.5502**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3470, -12.4961, 88.2727**, and **47.4590, -5.6493, 85.5435** is the 20% darker color. If you saturate the color by 10%, you get **84.9240, -10.8085, 107.0607**, and if you desaturate by 10%, it is **113.4540, -8.1118, 82.0398**.

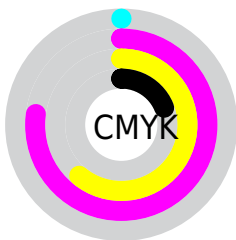
Distribution



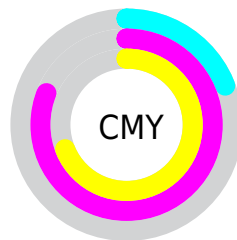
- Red (81%)
- Green (19%)
- Blue (31%)



- Red (81%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (77%)
- Yellow (61%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1890, -9.4602, 94.5502 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 99.1890, -9.4602, 94.5502 by changing the saturation by 10% instead.

■ 99.1890, -9.4602,
94.5502

■ 99.1890, -9.4602,
94.5502

255.0000, 0.0000,
0.0000

■ 59.1220, -1.0461,
102.5020

■ 154.3470,
-12.4961, 88.2727

■ 47.4590, -5.6493,
85.5435

■ 174.3340, -9.5317,
70.7441

■ 36.2090, -9.9630,
69.0997

■ 193.8480, -5.8411,
53.6303

■ 25.5290, -12.0928,
52.1561

■ 213.9490, -2.4399,
36.0017

■ 17.2710, -7.5286,
34.8423

■ 234.1640, 1.3981,
18.2732

■ 4.4850, -2.2111,
9.2217

253.8260, 0.5788,

■ 0.0000, 0.0000,

1.0296

0.0000

■ 99.1890, -9.4602,
94.5502

■ 99.1890, -9.4602,
94.5502

■ 84.9240, -10.8085,
107.0607

■ 113.4540, -8.1118,
82.0398

■ 71.3600, -12.0095,
118.9563

■ 127.0180, -6.9109,
70.1442

■ 66.6810, -12.1677,
123.0598

■ 141.2830, -5.5625,
57.6338

■ 155.4340, -4.6510,
45.2234

■ 169.6990, -3.3026,
32.7130

■ 183.2630, -2.1017,
20.8173

■ 197.5280, -0.7533,
8.3069

■ 211.6790, 0.1583,
-4.1035

■ 225.3570, 1.7960,
-16.0991

Harmonies

Analogous

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



103.3550, 15.6010, 83.0037



99.1890, -9.4602, 94.5502



103.5000, -38.2075, 74.9835

Triad

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



99.1890, -9.4602, 94.5502



83.8840, -28.0438, -58.6573



97.8680, 60.2111, -85.8302

Complementary

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



99.1890, -9.4602, 94.5502



155.8110, 9.4602, -94.5502

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.



100.1870, 46.2498, -87.8640



99.1890, -9.4602, 94.5502



88.5760, -0.7770, -77.6812

Square

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



99.1890, -9.4602, 94.5502



100.6500, -49.6204, 2.0610



96.3620, 23.9785, -84.5095



101.3120, 57.0342, -46.7546

Rectangle

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



99.1890, -9.4602, 94.5502



104.2250, -51.3829, 54.1767



96.3620, 23.9785, -84.5095



99.6460, 56.8695, -87.3895

Sweetspot

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



99.1890, -9.4602, 94.5502



215.0090, -3.4554, 35.0721



103.5010, 51.0250, 60.9506



103.5620, -2.2491, 21.4321



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.



99.1890, -9.4602, 94.5502



95.7370, -13.6743, 139.6737



121.9560, -36.4603, 74.5836



97.5170, -0.7479, 6.5626



54.1080, -9.9132, 99.8833



13.1710, -2.5493, 24.4060

Inverse Universe

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



99.1890, -9.4602, 94.5502



95.7370, -13.6743, 139.6737



133.0440, 36.4603, -74.5836



97.5170, -0.7479, 6.5626



54.1080, -9.9132, 99.8833



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 99.1890, -9.4602, 94.5502 looks on a white background.

Color Contrast Check

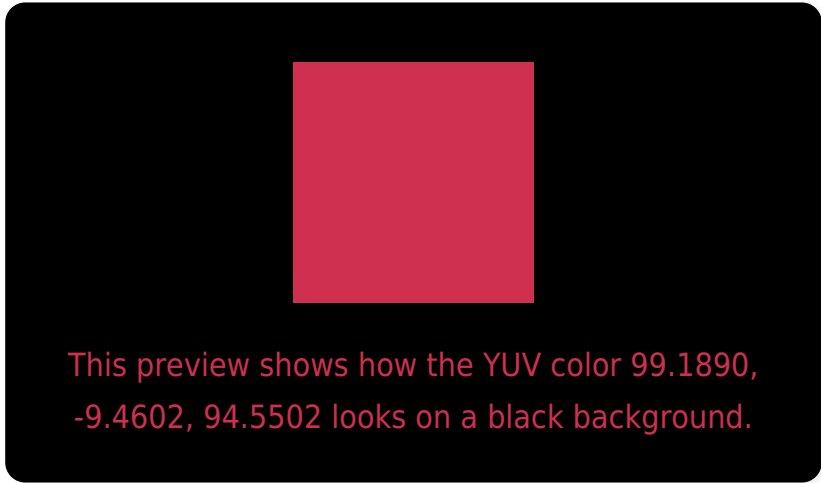
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.1890, -9.4602, 94.5502

Background



This preview shows how black text looks on a background with the YUV color 99.1890, -9.4602, 94.5502.



This preview shows how white text looks on a background with the YUV color 99.1890, -9.4602,

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

99.1890, -9.4602, 94.5502

Protanopia

112.4410, -2.1894, 2.2442

Deuteranopia

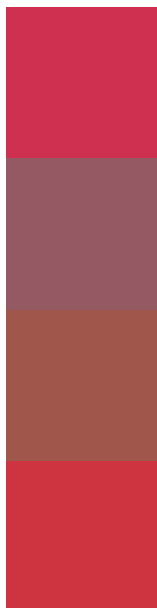
111.3820, -19.4153, 20.7130



Tritanopia

98.9750, -21.6797, 93.8609

Trichromacy



Original Color

99.1890, -9.4602, 94.5502

Protanomaly

107.6670, -4.7658, 35.3720

Deuteranomaly

107.1710, -15.8603, 47.2080

Tritanomaly

98.8270, -17.1697, 93.9907

Monochromacy



Original Color

99.1890, -9.4602, 94.5502

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7100, -3.3080, 34.4573

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1890, -9.4602, 94.5502 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(207, 48, 80)` looks like.

```
.text, #text, p{  
    color:rgb(207, 48, 80)  
}
```

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(207, 48, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 48, 80) }
```

Border

The CSS property to change the border of an element to YUV 99.1890, -9.4602, 94.5502 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(207, 48, 80) }
```


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

```
.border{ border-color:rgb(207, 48, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 48, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 48, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 48, 80);  
box-shadow:4px 4px 4px 4px rgb(207, 48,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 99.1890, -9.4602, 94.5502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 48, 80) }
```

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

```
.background{ background-color: rgb(207, 48,  
80) }
```

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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