

Converting Colors

YUV(96.9890, 24.1624, 90.3406)

Have a look what the booklet for
YUV(96.9890, 24.1624, 90.3406)
contains.

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Color

**YUV(96.9890, 24.1624,
90.3406)**

Conversions

Conversions Part 1

Format	Color
Hex	C82392
RGB	200, 35, 146
RGB Percent	78%, 14%, 57%
CMY	0.2157, 0.8627, 0.4275
CMYK	0.00, 0.83, 0.27, 0.22
HSL	320°, 70%, 46%
HSV	320°, 82%, 78%
XYZ	29.6088, 15.5567, 28.6363
YIQ	96.9890, 62.7090, 69.5010

Conversions

Conversions Part 2

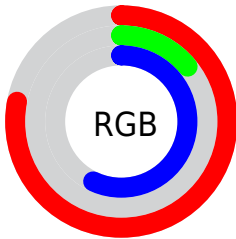
Format	Color
R_{YB}	200, 35, 146
Decimal	13116306
CIE _{Lab}	46.39, 70.03, -20.57
CIE _{LCh}	46, 72.994, 343.628
Yxy	15.5567, 0.4012, 0.2108
Android (android.graphics.Color)	4291306386 (0xFFC82392)
YUV	96.9890, 24.1624, 90.3406
Hunter-Lab	39.4420, 64.9746, -15.4372

Details

The YUV color **96.9890, 24.1624, 90.3406** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **138.0110, -24.1624, -90.3406**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3320, 20.5423, 84.7778**, and **52.9890, 20.7114, 77.1856** is the 20% darker color. If you saturate the color by 10%, you get **84.4510, 26.8927, 101.3365**, and if you desaturate by 10%, it is **109.5270, 21.4322, 79.3448**.

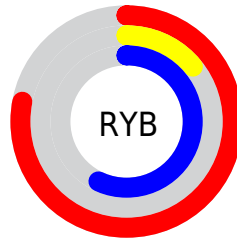
Distribution



Red (78%)

Green (14%)

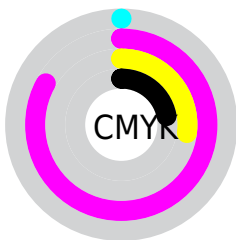
Blue (57%)



Red (78%)

Yellow (14%)

Blue (57%)

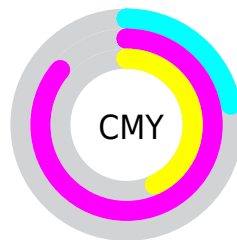


Cyan (0%)

Magenta (83%)

Yellow (27%)

Black (22%)



Cyan (22%)


Magenta (86%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.9890, 24.1624, 90.3406 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 96.9890, 24.1624, 90.3406 by changing the saturation by 10% instead.


 96.9890, 24.1624,
90.3406


 96.9890, 24.1624,
90.3406


255.0000, 0.0000,
0.0000


 64.5100, 27.3566,
92.5147


 158.3320, 20.5423,
84.7778


 52.9890, 20.7114,
77.1856


 178.5470, 24.3803,
67.0493


 41.5820, 14.5031,
61.7566

 198.6480, 27.7815,
49.4207

 30.7020, 9.0209,
46.7423

 215.6710, 19.3892,
34.4915

 20.2350, 3.8281,
32.2429

 233.2810, 10.7075,
19.0476

 7.2900, -3.1010,
14.6547

 250.8910, 2.0257,

 0.0000, 0.0000,

3.6036

0.0000

■ 96.9890, 24.1624,
90.3406

■ 96.9890, 24.1624,
90.3406

■ 84.4510, 26.8927,
101.3365

■ 109.5270, 21.4322,
79.3448

■ 75.1900, 29.4863,
109.4584

■ 121.9510, 18.2652,
68.4490

■ 134.4890, 15.5349,
57.4531

■ 146.9130, 12.3679,
46.5573

■ 159.4510, 9.6377,
35.5615

■ 171.8750, 6.4706,
24.6656

■ 184.4130, 3.7404,
13.6698

■ 196.8370, 0.5734,
2.7740

■ 209.3750, -2.1569,
-8.2219

Harmonies

Analogous

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



111.9410, 43.4131, 28.9927



96.9890, 24.1624, 90.3406



85.7150, -0.3525, 113.3829

Triad

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



96.9890, 24.1624, 90.3406



100.3840, -49.4893, 6.6792



100.7740, 45.9604, -88.3788

Complementary

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



96.9890, 24.1624, 90.3406



138.0110, -24.1624, -90.3406

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.



95.4500, 20.4842, -83.7096



96.9890, 24.1624, 90.3406



81.1160, -39.9902, -53.5987

Square

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



96.9890, 24.1624, 90.3406



103.9040, -51.2247, 50.0732



86.9800, -6.8921, -76.2815



100.6550, 63.2741, -88.2744

Rectangle

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



96.9890, 24.1624, 90.3406



95.3130, -24.3113, 97.9495



86.9800, -6.8921, -76.2815



99.4230, 38.2455, -87.1940

Sweetspot

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



96.9890, 24.1624, 90.3406



215.0380, 9.3483, 35.0467



69.3580, 64.4065, 15.4720



103.6250, 5.6079, 21.3769



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.



96.9890, 24.1624, 90.3406



97.6140, 36.6723, 138.0275



87.7550, -11.2182, 98.4389



93.3750, 1.2941, 4.9331



61.2770, 24.0204, 89.2111



13.5000, 5.1765, 19.7325

Inverse Universe

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



96.9890, 24.1624, 90.3406



97.6140, 36.6723, 138.0275



147.2450, 11.2182, -98.4389



93.3750, 1.2941, 4.9331



61.2770, 24.0204, 89.2111



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 96.9890, 24.1624, 90.3406 looks on a white background.

Color Contrast Check

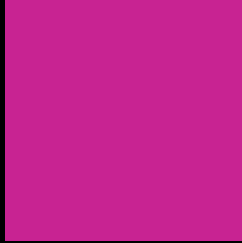
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.9890, 24.1624, 90.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

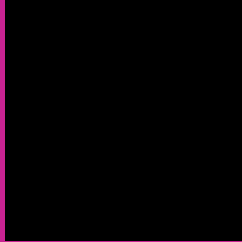
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9890, 24.1624, 90.3406

Background



This preview shows how black text looks on a background with the YUV color 96.9890, 24.1624, 90.3406.



This preview shows how white text looks on a background with the YUV color 96.9890, 24.1624,

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

96.9890, 24.1624, 90.3406

Protanopia

106.2290, 46.2291, -34.4038

Deuteranopia

111.8930, 12.3778, -3.4142



Tritanopia

103.3260, -17.4157, 79.5211

Trichromacy



Original Color

96.9890, 24.1624, 90.3406



Protanomaly

102.4520, 38.2312, 11.0046



Deuteranomaly

106.2530, 16.6373, 30.4731



Tritanomaly

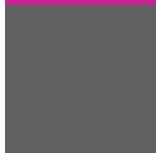
100.6590, -2.2969, 83.6141

Monochromacy



Original Color

96.9890, 24.1624, 90.3406



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.6140, 9.0643, 32.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9890, 24.1624, 90.3406 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(200, 35, 146)` looks like.

```
.text, #text, p{  
    color:rgb(200, 35, 146)  
}
```

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(200, 35, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 35, 146) }
```

Border

The CSS property to change the border of an element to YUV 96.9890, 24.1624, 90.3406 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(200, 35, 146) }
```


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

```
.border{ border-color:rgb(200, 35, 146) }
```

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

Here you see how a box with a 4 pixel rgb(200, 35, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 35, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 35, 146);  
box-shadow:4px 4px 4px 4px rgb(200, 35,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 96.9890, 24.1624, 90.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 35, 146) }
```

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

```
.background{ background-color: rgb(200, 35,  
146) }
```

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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