

Converting Colors

YUV(101.6390, -8.6960,
82.7546)

Have a look what the booklet for
YUV(101.6390, -8.6960, 82.7546)
contains.

YUV(101.6390, -8.6960, 82.7546)	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(101.6390, -8.6960,
82.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	C43954
RGB	196, 57, 84
RGB Percent	77%, 22%, 33%
CMY	0.2314, 0.7765, 0.6706
CMYK	0.00, 0.71, 0.57, 0.23
HSL	348°, 55%, 50%
HSV	348°, 71%, 77%
XYZ	25.8283, 15.3021, 9.9798
YIQ	101.6390, 74.1770, 37.8650

Conversions

Conversions Part 2

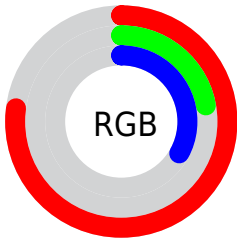
Format	Color
R_{YB}	196, 57, 84
Decimal	12859732
CIE _{Lab}	46.05, 56.42, 16.80
CIE _{LCh}	46, 58.871, 16.581
Yxy	15.3021, 0.5053, 0.2994
Android (android.graphics.Color)	4291049812 (0xFFC43954)
YUV	101.6390, -8.6960, 82.7546
Hunter-Lab	39.1179, 49.4015, 12.2564

Details

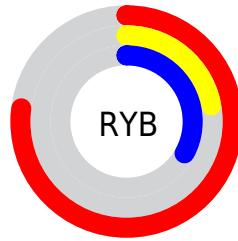
The YUV color **101.6390, -8.6960, 82.7546** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **151.3610, 8.6960, -82.7546**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7380, -12.1958, 85.2988**, and **45.2240, -2.5754, 79.6106** is the 20% darker color. If you saturate the color by 10%, you get **88.0750, -9.8970, 94.6502**, and if you desaturate by 10%, it is **115.2030, -7.4951, 70.8590**.

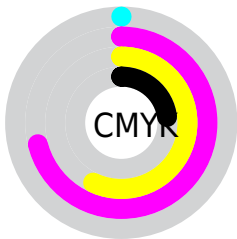
Distribution



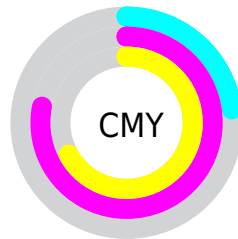
- Red (77%)
- Green (22%)
- Blue (33%)



- Red (77%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (71%)
- Yellow (57%)
- Black (23%)



- Cyan (23%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6390, -8.6960, 82.7546 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 101.6390, -8.6960, 82.7546 by changing the saturation by 10% instead.

■ 101.6390, -8.6960,
82.7546

■ 101.6390, -8.6960,
82.7546

■ 255.0000, 0.0000,
0.0000

■ 70.0890, -4.4809,
84.1139

■ 157.7380,
-12.1958, 85.2988

■ 45.2240, -2.5754,
79.6106

■ 177.1380, -8.9420,
68.2850

■ 33.9740, -6.8892,
63.1668

■ 196.6520, -5.2514,
51.1712

■ 23.3220, -11.4977,
47.9526

■ 216.8670, -1.4134,
33.4426

■ 15.1780, -6.4968,
30.5389

■ 237.0820, 2.4246,
15.7141

■ 0.0000, 0.0000,
0.0000

■ 101.6390, -8.6960,
82.7546

■ 101.6390, -8.6960,
82.7546

■ 88.0750, -9.8970,
94.6502

■ 115.2030, -7.4951,
70.8590

■ 75.0980, -11.3873,
106.0311

■ 128.1800, -6.0047,
59.4781

■ 62.9360, -12.2934,
116.6971

■ 141.6300, -5.2406,
47.6825

■ 154.6070, -3.7503,
36.3017

■ 168.1710, -2.5493,
24.4060

■ 181.7350, -1.3484,
12.5104

■ 194.7120, 0.1420,
1.1296

■ 208.1620, 0.9061,

-10.6661

■ 221.1390, 2.3965,
-22.0469

Harmonies

Analogous

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



105.9960, 13.3130, 70.1635



101.6390, -8.6960, 82.7546



103.9490, -32.5129, 68.4507

Triad

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



101.6390, -8.6960, 82.7546



90.1080, -27.6612, -41.3137



94.3970, 54.5273, -82.7862

Complementary

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



101.6390, -8.6960, 82.7546



151.3610, 8.6960, -82.7546

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.



96.2430, 41.2922, -84.4051



101.6390, -8.6960, 82.7546



85.8860, -0.9298, -75.3220

Square

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



101.6390, -8.6960, 82.7546



99.1990, -48.9051, 5.9645



92.4010, 21.4943, -81.0357



100.4390, 51.0556, -42.4810

Rectangle

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



101.6390, -8.6960, 82.7546



102.6700, -49.6303, 52.0324



92.4010, 21.4943, -81.0357



96.1750, 51.1857, -84.3455

Sweetspot

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



101.6390, -8.6960, 82.7546



218.4000, -3.1552, 32.0982



106.0350, 44.3527, 54.3433



106.2520, -2.0962, 19.0730



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.



101.6390, -8.6960, 82.7546



107.6710, -13.6418, 129.2075



123.2150, -32.6440, 63.8324



90.2180, -0.6005, 5.9478



51.6730, -10.1918, 95.8798



10.5510, -2.2436, 19.6878

Inverse Universe

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



101.6390, -8.6960, 82.7546



107.6710, -13.6418, 129.2075



129.7850, 32.6440, -63.8324



90.2180, -0.6005, 5.9478



51.6730, -10.1918, 95.8798



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 101.6390, -8.6960, 82.7546 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 101.6390, -8.6960, 82.7546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

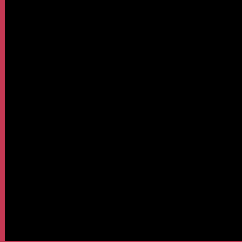
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.6390, -8.6960, 82.7546

Background



This preview shows how black text looks on a background with the YUV color 101.6390, -8.6960, 82.7546.



This preview shows how white text looks on a background with the YUV color 101.6390, -8.6960,

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

101.6390, -8.6960, 82.7546

Protanopia

109.8970, -0.4422, 1.8443

Deuteranopia

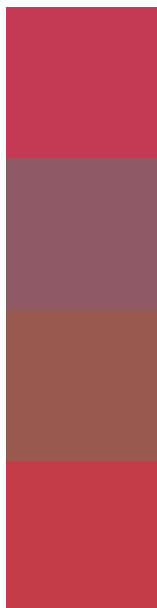
109.5820, -16.0629, 18.7836



Tritanopia

101.4080, -18.4421, 82.0802

Trichromacy



Original Color

101.6390, -8.6960, 82.7546

Protanomaly

106.9870, -3.4446, 31.5834

Deuteranomaly

107.1210, -13.3707, 41.9899

Tritanomaly

101.6190, -15.0952, 81.8951

Monochromacy



Original Color

101.6390, -8.6960, 82.7546

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.9760, -3.4392, 29.8390

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6390, -8.6960, 82.7546 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(196, 57, 84)` looks like.

```
.text, #text, p{  
    color:rgb(196, 57, 84)  
}
```

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(196, 57, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 57, 84) }
```

Border

The CSS property to change the border of an element to YUV 101.6390, -8.6960, 82.7546 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(196, 57, 84) }
```


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

```
.border{ border-color:rgb(196, 57, 84) }
```

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

Here you see how a box with a 4 pixel rgb(196, 57, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 57, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 57, 84);  
box-shadow:4px 4px 4px 4px rgb(196, 57,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 101.6390, -8.6960, 82.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 57, 84) }
```

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

```
.background{ background-color: rgb(196, 57,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor