

Converting Colors

YUV(103.1640, -1.5599,
80.5402)

Have a look what the booklet for
YUV(103.1640, -1.5599, 80.5402)
contains.

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Color

**YUV(103.1640, -1.5599,
80.5402)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C33964 |
| RGB | 195, 57, 100 |
| RGB Percent | 76%, 22%, 39% |
| CMY | 0.2353, 0.7765, 0.6078 |
| CMYK | 0.00, 0.71, 0.49, 0.24 |
| HSL | 341°, 55%, 49% |
| HSV | 341°, 71%, 76% |
| XYZ | 26.2691, 15.4485, 13.6539 |
| YIQ | 103.1640, 68.4450, 42.6290 |

Conversions

Conversions Part 2

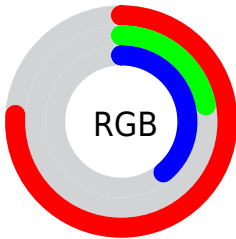
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 195, 57, 100 |
| Decimal | 12794212 |
| CIE _{Lab} | 46.24, 57.40, 7.21 |
| CIE _{LCh} | 46, 57.855, 7.157 |
| Yxy | 15.4485, 0.4744, 0.2790 |
| Android (android.graphics.Color) | 4290984292 (0xFFC33964) |
| YUV | 103.1640, -1.5599, 80.5402 |
| Hunter-Lab | 39.3045, 50.5170, 6.9166 |

Details

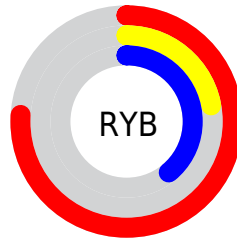
The YUV color **103.1640, -1.5599, 80.5402** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **148.8360, 1.5599, -80.5402**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3770, -4.6229, 82.9844**, and **46.8200, 3.5397, 78.2109** is the 20% darker color. If you saturate the color by 10%, you get **89.9420, -1.4504, 92.1359**, and if you desaturate by 10%, it is **115.7990, -1.3799, 69.4593**.

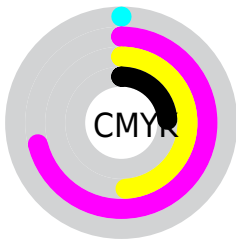
Distribution



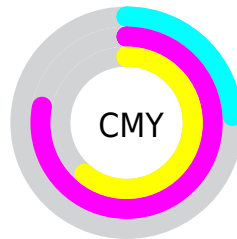
- Red (76%)
- Green (22%)
- Blue (39%)



- Red (76%)
- Yellow (22%)
- Blue (39%)



- Cyan (0%)
- Magenta (71%)
- Yellow (49%)
- Black (24%)





- Cyan (24%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1640, -1.5599, 80.5402 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 103.1640, -1.5599, 80.5402 by changing the saturation by 10% instead.

 103.1640, -1.5599,
80.5402

 103.1640, -1.5599,
80.5402


255.0000, 0.0000,
0.0000


 71.5000, 2.2185,
81.9995


 160.3770, -4.6229,
82.9844


 46.8200, 3.5397,
78.2109


 179.7770, -1.3691,
65.9706


 35.7550, -1.3582,
62.4819

 199.4050, 2.7583,
48.7568

 24.3480, -7.5666,
47.0528

 219.6200, 6.5963,
31.0283

 15.4770, -6.6442,
31.1537

 239.1510, 7.8136,
13.8996

 0.0000, 0.0000,
0.0000

■ 103.1640, -1.5599,
80.5402

■ 103.1640, -1.5599,
80.5402

■ 89.9420, -1.4504,
92.1359

■ 115.7990, -1.3799,
69.4593

■ 77.1930, -2.0671,
103.3167

■ 129.1350, -1.0526,
57.7636

■ 65.2590, -2.0997,
113.7829

■ 141.7700, -0.8726,
46.6827

■ 155.1060, -0.5453,
34.9870

■ 168.3280, -0.6547,
23.3913

■ 181.0770, -0.0380,
12.2105

■ 193.7120, 0.1420,
1.1296

■ 206.9340, 0.0325,

-10.4661

■ 219.6830, 0.6493,
-21.6470

Harmonies

Analogous

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



109.4120, 19.0239, 58.3977



103.1640, -1.5599, 80.5402



103.9310, -25.1090, 73.7285

Triad

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



103.1640, -1.5599, 80.5402



95.1120, -37.0302, -22.9002



96.0610, 50.7489, -84.2455

Complementary

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



103.1640, -1.5599, 80.5402



148.8360, 1.5599, -80.5402

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.



95.9350, 35.0350, -84.1350



103.1640, -1.5599, 80.5402



83.7030, -6.7556, -73.4075

Square

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



103.1640, -1.5599, 80.5402



101.3360, -49.9586, 17.2453



91.1640, 14.2161, -79.9508



89.2280, 57.5686, -78.2530

Rectangle

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



103.1640, -1.5599, 80.5402



104.6460, -39.7585, 59.0695



91.1640, 14.2161, -79.9508



96.3230, 46.6758, -84.4753

Sweetspot

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



103.1640, -1.5599, 80.5402



216.7850, -0.3870, 30.8836



100.8380, 46.4219, 43.9921



106.7080, -0.3490, 18.6731



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.



103.1640, -1.5599, 80.5402



109.6240, -2.2796, 124.8638



112.9370, -27.5769, 71.9693



90.3320, -0.1637, 5.8478



53.8390, -1.8926, 93.9802



11.0070, -0.4965, 19.2879

Inverse Universe

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



103.1640, -1.5599, 80.5402



109.6240, -2.2796, 124.8638



139.0630, 27.5769, -71.9693



90.3320, -0.1637, 5.8478



53.8390, -1.8926, 93.9802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 103.1640, -1.5599, 80.5402 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 103.1640, -1.5599, 80.5402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

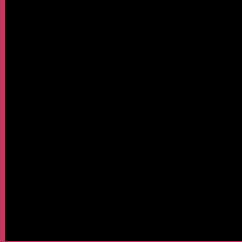
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1640, -1.5599, 80.5402

Background



This preview shows how black text looks on a background with the YUV color 103.1640, -1.5599, 80.5402.



This preview shows how white text looks on a background with the YUV color 103.1640, -1.5599,

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

103.1640, -1.5599, 80.5402

Protanopia

110.6820, 9.0308, -3.2291

Deuteranopia

110.7970, -8.7739, 14.2100



Tritanopia

103.0270, -17.2683, 78.9063

Trichromacy



Original Color

103.1640, -1.5599, 80.5402

Protanomaly

107.8430, 5.0074, 27.3247

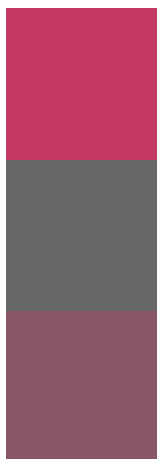
Deuteranomaly

108.0480, -5.9397, 38.5459

Tritanomaly

102.9330, -11.3060, 79.8658

Monochromacy



Original Color

103.1640, -1.5599, 80.5402

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7740, -0.3816, 29.1392

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1640, -1.5599, 80.5402 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(195, 57, 100)` looks like.

```
.text, #text, p{  
    color:rgb(195, 57, 100)  
}
```

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(195, 57, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 57, 100) }
```

Border

The CSS property to change the border of an element to YUV 103.1640, -1.5599, 80.5402 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(195, 57, 100) }
```


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

```
.border{ border-color:rgb(195, 57, 100) }
```

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

Here you see how a box with a 4 pixel rgb(195, 57, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 57, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 57, 100);  
box-shadow:4px 4px 4px 4px rgb(195, 57,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 103.1640, -1.5599, 80.5402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 57, 100) }
```

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

```
.background{ background-color: rgb(195, 57,  
100) }
```

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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