

Converting Colors

YUV(103.0280, -1.9858,
77.1514)

Have a look what the booklet for
YUV(103.0280, -1.9858, 77.1514)
contains.

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Color

**YUV(103.0280, -1.9858,
77.1514)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3B63
RGB	191, 59, 99
RGB Percent	75%, 23%, 39%
CMY	0.2510, 0.7686, 0.6118
CMYK	0.00, 0.69, 0.48, 0.25
HSL	342°, 53%, 49%
HSV	342°, 69%, 75%
XYZ	25.3020, 15.1051, 13.3864
YIQ	103.0280, 65.8320, 40.4240

Conversions

Conversions Part 2

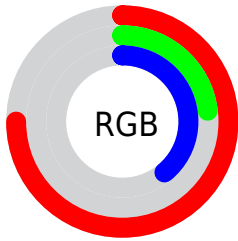
Format	Color
R_{YB}	191, 59, 99
Decimal	12532579
CIE _{Lab}	45.78, 55.36, 7.07
CIE _{LCh}	46, 55.809, 7.273
Yxy	15.1051, 0.4704, 0.2808
Android (android.graphics.Color)	4290722659 (0xFFBF3B63)
YUV	103.0280, -1.9858, 77.1514
Hunter-Lab	38.8653, 48.1920, 6.7845

Details

The YUV color **103.0280, -1.9858, 77.1514** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **146.9720, 1.9858, -77.1514**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9530, -4.9068, 80.7252**, and **45.5100, 3.6926, 75.8517** is the 20% darker color. If you saturate the color by 10%, you get **90.3930, -2.1657, 88.2323**, and if you desaturate by 10%, it is **115.6630, -1.8059, 66.0705**.

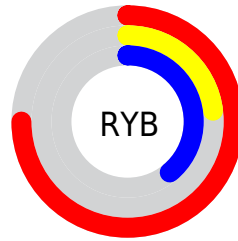
Distribution



Red (75%)

Green (23%)

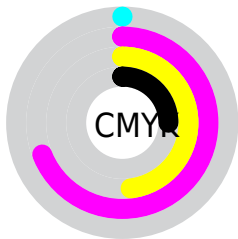
Blue (39%)



Red (75%)

Yellow (23%)

Blue (39%)

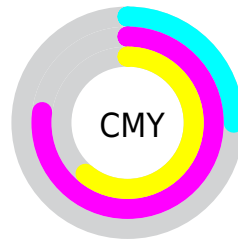


Cyan (0%)

Magenta (69%)

Yellow (48%)

Black (25%)



Cyan (25%)

Magenta (77%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0280, -1.9858, 77.1514 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 103.0280, -1.9858, 77.1514 by changing the saturation by 10% instead.

■ 103.0280, -1.9858,
77.1514

■ 103.0280, -1.9858,
77.1514

■ 255.0000, 0.0000,
0.0000

■ 72.5380, 1.2138,
77.5812

■ 159.9530, -4.9068,
80.7252

■ 45.5100, 3.6926,
75.8517

■ 180.2500, -2.0952,
65.5558

■ 34.4450, -1.2054,
60.1227

■ 199.7640, 1.5953,
48.4420

■ 23.2230, -7.9979,
45.4084

■ 219.5060, 6.1595,
31.1282

■ 14.5800, -6.2019,
29.3093

■ 239.1510, 7.8136,
13.8996

■ 0.0000, 0.0000,
0.0000

■ 103.0280, -1.9858,
77.1514

■ 103.0280, -1.9858,
77.1514

■ 90.3930, -2.1657,
88.2323

■ 115.6630, -1.8059,
66.0705

■ 77.6440, -2.7825,
99.4132

■ 128.4120, -1.1891,
54.8897

■ 65.0090, -2.9624,
110.4941

■ 141.0470, -1.0092,
43.8088

■ 63.7210, -2.8205,
111.6237

■ 153.6820, -0.8292,
32.7279


■ 167.0180, -0.5019,
21.0322

■ 179.6530, -0.3219,
9.9513

■ 192.2880, -0.1420,
-1.1296

■ 204.9230, 0.0380,

-12.2105

 217.6720, 0.6547,
-23.3913

Harmonies

Analogous

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



108.7600, 17.8663, 56.3385



103.0280, -1.9858, 77.1514



103.4360, -24.3719, 70.6546

Triad

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



103.0280, -1.9858, 77.1514



94.6930, -34.8516, -21.6558



94.4310, 49.5805, -82.8160

Complementary

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



103.0280, -1.9858, 77.1514



146.9720, 1.9858, -77.1514

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.



94.4190, 34.3034, -82.8055



103.0280, -1.9858, 77.1514



82.5290, -6.1768, -72.3779

Square

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



103.0280, -1.9858, 77.1514



100.4500, -49.5218, 17.1454



89.8760, 14.3581, -78.8213



87.5980, 56.4002, -76.8234

Rectangle

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



103.0280, -1.9858, 77.1514



103.9770, -38.4427, 57.0252



89.8760, 14.3581, -78.8213



94.6930, 45.5074, -83.0458

Sweetspot

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



103.0280, -1.9858, 77.1514



212.3720, -0.6764, 30.3688



100.9580, 44.3907, 42.1328



104.2950, -0.6384, 18.1583



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.



103.0280, -1.9858, 77.1514



110.3630, -3.1370, 119.8306



112.5560, -26.4031, 68.7954



88.0330, -0.0163, 5.2331



52.7140, -2.3240, 92.3358



10.2950, -0.6384, 18.1583

Inverse Universe

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



103.0280, -1.9858, 77.1514



110.3630, -3.1370, 119.8306



137.4440, 26.4031, -68.7954



88.0330, -0.0163, 5.2331



52.7140, -2.3240, 92.3358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 103.0280, -1.9858, 77.1514 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 103.0280, -1.9858, 77.1514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

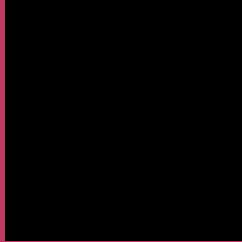
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.0280, -1.9858, 77.1514

Background



This preview shows how black text looks on a background with the YUV color 103.0280, -1.9858, 77.1514.

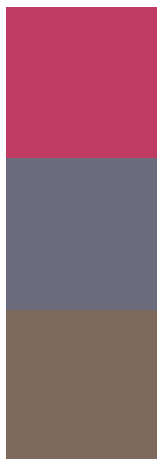


This preview shows how white text looks on a background with the YUV color 103.0280, -1.9858,

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

103.0280, -1.9858, 77.1514

Protanopia

109.4540, 8.1572, -3.0292

Deuteranopia

109.9110, -8.3371, 14.1101



Tritanopia

102.5320, -16.5313, 75.8324

Trichromacy



Original Color

103.0280, -1.9858, 77.1514

Protanomaly

107.0170, 4.4286, 26.2951

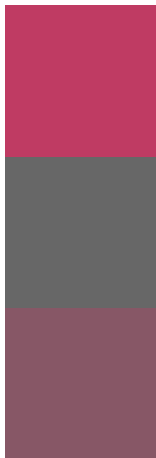
Deuteranomaly

107.3360, -6.0816, 37.4163

Tritanomaly

102.9110, -11.2951, 76.3771

Monochromacy



Original Color

103.0280, -1.9858, 77.1514

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0620, -0.5236, 28.0096

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0280, -1.9858, 77.1514 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(191, 59, 99)` looks like.

```
.text, #text, p{  
    color:rgb(191, 59, 99)  
}
```

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(191, 59, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 59, 99) }
```

Border

The CSS property to change the border of an element to YUV 103.0280, -1.9858, 77.1514 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(191, 59, 99) }
```


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

```
.border{ border-color:rgb(191, 59, 99) }
```

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

Here you see how a box with a 4 pixel rgb(191, 59, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 59, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 59, 99);  
box-shadow:4px 4px 4px 4px rgb(191, 59,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 103.0280, -1.9858, 77.1514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 59, 99) }
```

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

```
.background{ background-color: rgb(191, 59,  
99) }
```

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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