

Converting Colors

YUV(99.3410, 6.7339, 80.3849)

Have a look what the booklet for
YUV(99.3410, 6.7339, 80.3849)
contains.

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Color

**YUV(99.3410, 6.7339,
80.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3271
RGB	191, 50, 113
RGB Percent	75%, 20%, 44%
CMY	0.2510, 0.8039, 0.5569
CMYK	0.00, 0.74, 0.41, 0.25
HSL	333°, 59%, 47%
HSV	333°, 74%, 75%
XYZ	25.6071, 14.5498, 17.0815
YIQ	99.3410, 63.8130, 49.4850

Conversions

Conversions Part 2

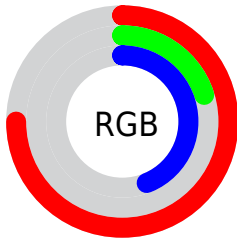
Format	Color
R _Y B	191, 50, 113
Decimal	12530289
CIE Lab	45.01, 59.95, -2.67
CIE LCh	45, 60.011, 357.446
Yxy	14.5498, 0.4474, 0.2542
Android (android.graphics.Color)	4290720369 (0xFFBF3271)
YUV	99.3410, 6.7339, 80.3849
Hunter-Lab	38.1442, 53.0787, 0.1500

Details

The YUV color **99.3410, 6.7339, 80.3849** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **141.6590, -6.7339, -80.3849**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2550, 3.8183, 82.2144**, and **46.8780, 8.9341, 74.6520** is the 20% darker color. If you saturate the color by 10%, you get **86.9340, 7.4275, 91.2659**, and if you desaturate by 10%, it is **111.7480, 6.0402, 69.5040**.

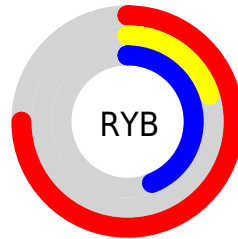
Distribution



Red (75%)

Green (20%)

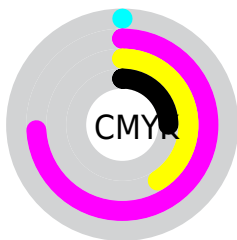
Blue (44%)



Red (75%)

Yellow (20%)

Blue (44%)

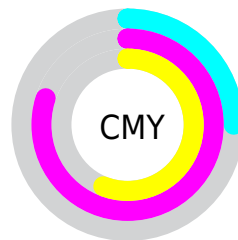


Cyan (0%)

Magenta (74%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (80%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3410, 6.7339, 80.3849 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 99.3410, 6.7339, 80.3849 by changing the saturation by 10% instead.

■ 99.3410, 6.7339,
80.3849

■ 99.3410, 6.7339,
80.3849

255.0000, 0.0000,
0.0000

■ 62.9810, 12.8274,
85.9627

■ 157.2550, 3.8183,
82.2144

■ 46.8780, 8.9341,
74.6520

■ 177.9650, 6.9193,
67.5597

■ 35.9980, 3.4520,
59.6378

■ 198.1800, 10.7573,
49.8311

■ 25.3460, -1.1566,
44.4236

■ 217.8080, 14.8847,
32.6174

■ 14.8790, -6.3493,
29.9241

■ 235.6290, 9.5499,
16.9884

■ 0.0000, 0.0000,
0.0000

■ 253.2390, 0.8682,

1.5444

■ 99.3410, 6.7339,
80.3849

■ 99.3410, 6.7339,
80.3849

■ 86.9340, 7.4275,
91.2659

■ 111.7480, 6.0402,
69.5040

■ 74.6410, 8.5580,
102.0468

■ 124.0410, 4.9098,
58.7230

■ 66.7990, 8.9731,
108.9243

■ 136.4480, 4.2161,
47.8421

■ 148.7410, 3.0857,
37.0611

■ 161.7350, 2.1026,
25.6654

■ 174.0280, 0.9722,
14.8844

■ 186.4350, 0.2785,
4.0035

■ 198.8420, -0.4151,
-6.8774

■ 211.1350, -1.5456,
-17.6584

Harmonies

Analogous

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



107.8820, 26.1872, 47.4615



99.3410, 6.7339, 80.3849



98.4510, -16.9843, 81.1655

Triad

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



99.3410, 6.7339, 80.3849



93.7950, -46.2409, -8.5902



95.1490, 47.2545, -83.4457

Complementary

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



99.3410, 6.7339, 80.3849



141.6590, -6.7339, -80.3849

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.



92.9370, 28.6251, -81.5057



99.3410, 6.7339, 80.3849



78.8470, -15.2076, -69.1488

Square

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



99.3410, 6.7339, 80.3849



99.9290, -49.2650, 28.1263



86.6500, 7.0746, -75.9920



90.5160, 57.4266, -79.3825

Rectangle

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



99.3410, 6.7339, 80.3849



100.6070, -33.8233, 68.7507



86.6500, 7.0746, -75.9920



95.0690, 41.8710, -83.3755

Sweetspot

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



99.3410, 6.7339, 80.3849



211.8820, 2.5232, 30.7985



89.3960, 50.0908, 33.8557



103.5770, 1.6875, 18.7880



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.



99.3410, 6.7339, 80.3849



104.0660, 10.8135, 125.3531



96.2680, -22.8101, 83.0800



88.1470, 0.4205, 5.1331



55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Inverse Universe

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



99.3410, 6.7339, 80.3849



104.0660, 10.8135, 125.3531



144.7320, 22.8101, -83.0800



88.1470, 0.4205, 5.1331



55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 99.3410, 6.7339, 80.3849 looks on a white background.

Color Contrast Check

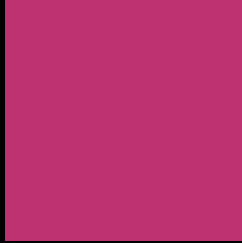
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.3410, 6.7339, 80.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

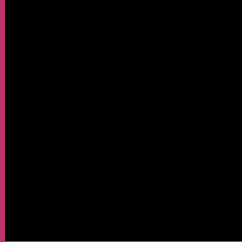
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3410, 6.7339, 80.3849

Background



This preview shows how black text looks on a background with the YUV color 99.3410, 6.7339, 80.3849.



This preview shows how white text looks on a background with the YUV color 99.3410, 6.7339,

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

99.3410, 6.7339, 80.3849

Protanopia

107.4990, 19.9670, -10.9616

Deuteranopia

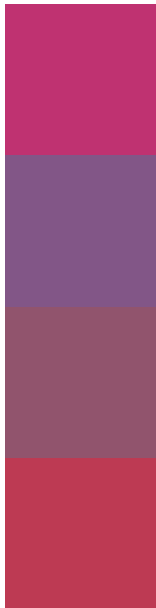
108.4140, -1.1901, 8.4069



Tritanopia

100.1300, -16.8261, 77.0620

Trichromacy



Original Color

99.3410, 6.7339, 80.3849

Protanomaly

104.7420, 14.9172, 22.1513

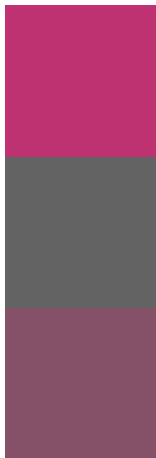
Deuteranomaly

105.0890, 1.9281, 35.0019

Tritanomaly

100.0190, -8.3904, 78.0363

Monochromacy



Original Color

99.3410, 6.7339, 80.3849

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8710, 2.5286, 29.0541

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3410, 6.7339, 80.3849 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, 50, 113)` looks like.

```
.text, #text, p{  
    color:rgb(191, 50, 113)  
}
```

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, 50, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 50, 113) }
```

Border

The CSS property to change the border of an element to YUV 99.3410, 6.7339, 80.3849 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, 50, 113) }
```


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

```
.border{ border-color:rgb(191, 50, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 50, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 50, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 50, 113);  
box-shadow:4px 4px 4px 4px rgb(191, 50,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 99.3410, 6.7339, 80.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 50, 113) }
```

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

```
.background{ background-color: rgb(191, 50,  
113) }
```

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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