

Converting Colors

YUV(98.3640, 1.7925, 78.6108)

Have a look what the booklet for
YUV(98.3640, 1.7925, 78.6108)
contains.

YUV(98.3640, 1.7925, 78.6108)	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(98.3640, 1.7925,
78.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	BC3466
RGB	188, 52, 102
RGB Percent	74%, 20%, 40%
CMY	0.2627, 0.7961, 0.6000
CMYK	0.00, 0.72, 0.46, 0.26
HSL	338°, 57%, 47%
HSV	338°, 72%, 74%
XYZ	24.3653, 14.1067, 14.0090
YIQ	98.3640, 65.0060, 44.3820

Conversions

Conversions Part 2

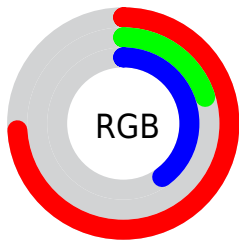
Format	Color
RYB	188, 52, 102
Decimal	12334182
CIELab	44.39, 57.34, 3.15
CIELCh	44, 57.429, 3.140
Yxy	14.1067, 0.4643, 0.2688
Android (android.graphics.Color)	4290524262 (0xFFBC3466)
YUV	98.3640, 1.7925, 78.6108
Hunter-Lab	37.5588, 50.0692, 4.1767

Details

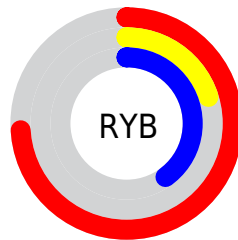
The YUV color **98.3640, 1.7925, 78.6108** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **141.6360, -1.7925, -78.6108**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5770, -1.2705, 81.0550**, and **44.9550, 5.4452, 73.7075** is the 20% darker color. If you saturate the color by 10%, you get **85.8430, 2.0494, 89.5917**, and if you desaturate by 10%, it is **110.8850, 1.5357, 67.6299**.

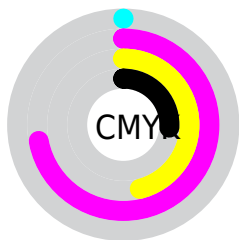
Distribution



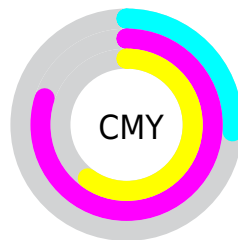
- Red (74%)
- Green (20%)
- Blue (40%)



- Red (74%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (72%)
- Yellow (46%)
- Black (26%)




- Cyan (26%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.3640, 1.7925, 78.6108 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 98.3640, 1.7925, 78.6108 by changing the saturation by 10% instead.


 98.3640, 1.7925,
78.6108

 98.3640, 1.7925,
78.6108


255.0000, 0.0000,
0.0000


 64.9390, 6.4391,
81.6145


 155.5770, -1.2705,
81.0550


 44.9550, 5.4452,
73.7075


 177.0700, 0.9515,
68.3446


 34.0750, -0.0370,
58.6932

 196.6980, 5.0789,
51.1309

 23.1950, -5.5191,
43.6790

 216.9130, 8.9169,
33.4023

 13.5690, -6.1965,
27.5650

 236.2160, 9.2605,
16.4736

 0.0000, 0.0000,
0.0000

 253.2390, 0.8682,

1.5444

■ 98.3640, 1.7925,
78.6108

■ 98.3640, 1.7925,
78.6108

■ 85.8430, 2.0494,
89.5917

■ 110.8850, 1.5357,
67.6299

■ 73.3220, 2.3063,
100.5726

■ 123.4060, 1.2788,
56.6489

■ 64.0780, 2.4265,
108.6796

■ 135.3400, 1.3114,
46.1828

■ 147.8610, 1.0545,
35.2019

■ 160.2680, 0.3609,
24.3210

■ 172.7890, 0.1040,
13.3400

■ 185.3100, -0.1528,
2.3591

■ 197.2440, -0.1203,
-8.1070

■ 209.7650, -0.3771,
-19.0879

Harmonies

Analogous

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



105.0630, 21.6609, 52.5647



98.3640, 1.7925, 78.6108



98.9680, -21.1832, 74.5731

Triad

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



98.3640, 1.7925, 78.6108



91.0760, -42.4355, -15.8527



92.6870, 47.9753, -81.2865

Complementary

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



98.3640, 1.7925, 78.6108



141.6360, -1.7925, -78.6108

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.



91.7460, 31.6772, -80.4612



98.3640, 1.7925, 78.6108



79.5140, -10.1134, -69.7338

Square

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



98.3640, 1.7925, 78.6108



98.1130, -48.3697, 20.9489



86.3880, 11.1477, -75.7623



86.8970, 56.2528, -76.2087

Rectangle

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



98.3640, 1.7925, 78.6108



99.5800, -36.2749, 61.7583



86.3880, 11.1477, -75.7623



92.8350, 43.4653, -81.4163

Sweetspot

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



98.3640, 1.7925, 78.6108



209.4260, 0.7760, 31.1984



92.6200, 47.0223, 38.0443



101.5230, 0.2352, 17.9583



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



98.3640, 1.7925, 78.6108



104.5790, 2.6726, 123.1492



102.0560, -24.6776, 75.3729



88.0330, -0.0163, 5.2331



53.8540, 2.0440, 91.3360



10.5230, 0.2352, 17.9583

Inverse Universe

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



98.3640, 1.7925, 78.6108



104.5790, 2.6726, 123.1492



137.9440, 24.6776, -75.3729



88.0330, -0.0163, 5.2331



53.8540, 2.0440, 91.3360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 98.3640, 1.7925, 78.6108 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 98.3640, 1.7925, 78.6108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

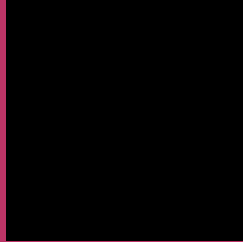
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.3640, 1.7925, 78.6108

Background



This preview shows how black text looks on a background with the YUV color 98.3640, 1.7925, 78.6108.



This preview shows how white text looks on a background with the YUV color 98.3640, 1.7925,

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

98.3640, 1.7925, 78.6108

Protanopia

106.3980, 13.1148, -6.4880

Deuteranopia

106.5840, -5.7109, 11.7658



Tritanopia

98.7170, -17.1155, 76.5472

Trichromacy



Original Color

98.3640, 1.7925, 78.6108

Protanomaly

103.5590, 9.0914, 24.0658

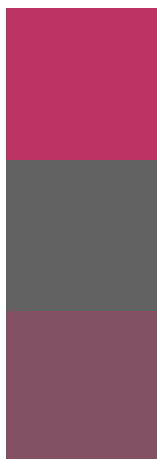
Deuteranomaly

103.8350, -2.8767, 36.1017

Tritanomaly

98.8510, -10.2795, 77.3067

Monochromacy



Original Color

98.3640, 1.7925, 78.6108

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0020, 0.4920, 28.9392

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3640, 1.7925, 78.6108 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(188, 52, 102)` looks like.

```
.text, #text, p{  
    color:rgb(188, 52, 102)  
}
```

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(188, 52, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 52, 102) }
```

Border

The CSS property to change the border of an element to YUV 98.3640, 1.7925, 78.6108 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(188, 52, 102) }
```


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

```
.border{ border-color:rgb(188, 52, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 52, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 52, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 52, 102);  
box-shadow:4px 4px 4px 4px rgb(188, 52,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 98.3640, 1.7925, 78.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 52, 102) }
```

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

```
.background{ background-color: rgb(188, 52,  
102) }
```

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