

Converting Colors

YUV(98.6640, -6.7364, 60.8077)

Have a look what the booklet for
YUV(98.6640, -6.7364, 60.8077)
contains.

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Color

**YUV(98.6640, -6.7364,
60.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	A84255
RGB	168, 66, 85
RGB Percent	66%, 26%, 33%
CMY	0.3412, 0.7412, 0.6667
CMYK	0.00, 0.61, 0.49, 0.34
HSL	349°, 44%, 46%
HSV	349°, 61%, 66%
XYZ	19.7364, 12.8771, 10.0396
YIQ	98.6640, 54.6930, 27.5330

Conversions

Conversions Part 2

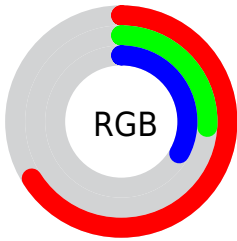
Format	Color
R _Y B	168, 66, 85
Decimal	11027029
CIE Lab	42.58, 43.59, 10.64
CIE LCh	43, 44.873, 13.718
Yxy	12.8771, 0.4627, 0.3019
Android (android.graphics.Color)	4289217109 (0xFFA84255)
YUV	98.6640, -6.7364, 60.8077
Hunter-Lab	35.8847, 35.3755, 8.5315

Details

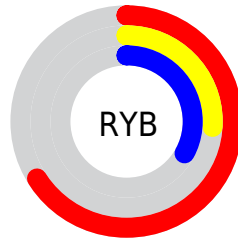
The YUV color **98.6640, -6.7364, 60.8077** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **135.3360, 6.7364, -60.8077**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4150, -9.0786, 65.4110**, and **41.2710, -0.6266, 61.1523** is the 20% darker color. If you saturate the color by 10%, you get **87.0890, -7.9319, 70.9589**, and if you desaturate by 10%, it is **110.2390, -5.5408, 50.6564**.

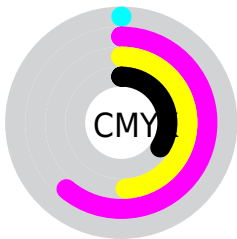
Distribution



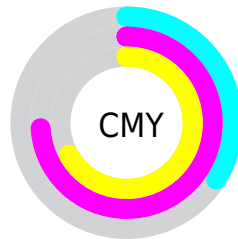
- Red (66%)
- Green (26%)
- Blue (33%)



- Red (66%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (61%)
- Yellow (49%)
- Black (34%)





- Cyan (34%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.6640, -6.7364, 60.8077 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 98.6640, -6.7364, 60.8077 by changing the saturation by 10% instead.


 98.6640, -6.7364,
60.8077


 98.6640, -6.7364,
60.8077


255.0000, 0.0000,
0.0000

 71.5220, -4.6943,
59.1782


 152.4150, -9.0786,
65.4110

 41.2710, -0.6266,
61.1523


 179.7140, -9.2260,
66.0258

 27.0970, -3.4988,
49.0269

 199.2280, -5.5354,
48.9120

 17.4560, -8.1128,
35.5571

 218.7420, -1.8448,
31.7983

 7.2900, -3.1010,
14.6547

 238.4840, 2.7194,
14.4845

 0.0000, 0.0000,
0.0000

■ 98.6640, -6.7364,
60.8077

■ 98.6640, -6.7364,
60.8077

■ 87.0890, -7.9319,
70.9589

■ 110.2390, -5.5408,
50.6564

■ 75.6280, -8.6906,
81.0102

■ 121.7000, -4.7821,
40.6051

■ 64.6400, -10.1755,
90.6467

■ 132.6880, -3.2972,
30.9686

■ 53.7660, -11.2236,
100.1832

■ 144.2630, -2.1017,
20.8173

■ 155.7240, -1.3429,
10.7661

■ 167.2990, -0.1474,
0.6148

■ 178.8740, 1.0481,
-9.5365

■ 189.7480, 2.0962,

-19.0730

■ 201.3230, 3.2918,
-29.2243

Harmonies

Analogous

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



101.3540, 10.1785, 48.8015



98.6640, -6.7364, 60.8077



97.9670, -23.1547, 53.5259

Triad

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



98.6640, -6.7364, 60.8077



89.2980, -22.3319, -23.9403



84.0640, 42.8594, -73.7241

Complementary

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



98.6640, -6.7364, 60.8077



135.3360, 6.7364, -60.8077

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.



85.3060, 32.3871, -74.8134



98.6640, -6.7364, 60.8077



77.5710, 0.2115, -68.0298

Square

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



98.6640, -6.7364, 60.8077



94.4240, -36.6910, 8.3982



82.6040, 16.9572, -72.4437



95.7750, 38.0719, -31.3747

Rectangle

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



98.6640, -6.7364, 60.8077



97.4850, -32.2841, 41.6707



82.6040, 16.9572, -72.4437



85.3690, 40.2441, -74.8686

Sweetspot

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



98.6640, -6.7364, 60.8077



192.4590, -2.6913, 23.2765



102.1460, 32.4660, 40.2140



93.6320, -1.7906, 14.3547



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



98.6640, -6.7364, 60.8077



110.2600, -10.4812, 95.3650



114.6950, -24.0066, 46.7485



78.5060, -0.7425, 4.8182



47.4440, -9.5859, 88.1876



6.4360, -1.2009, 11.8956

Inverse Universe

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



98.6640, -6.7364, 60.8077



110.2600, -10.4812, 95.3650



119.3050, 24.0066, -46.7485



78.5060, -0.7425, 4.8182



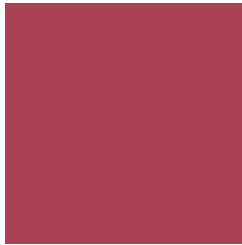
47.4440, -9.5859, 88.1876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 98.6640, -6.7364, 60.8077 looks on a white background.

Color Contrast Check

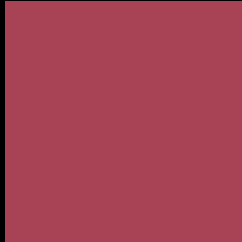
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6640, -6.7364, 60.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

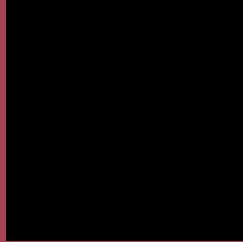
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6640, -6.7364, 60.8077

Background



This preview shows how black text looks on a background with the YUV color 98.6640, -6.7364, 60.8077.



This preview shows how white text looks on a background with the YUV color 98.6640, -6.7364,

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

98.6640, -6.7364, 60.8077

Protanopia

101.5270, 0.7262, 0.4148

Deuteranopia

101.3410, -10.5211, 14.6099



Tritanopia

98.1710, -12.4093, 60.3630

Trichromacy



Original Color

98.6640, -6.7364, 60.8077

Protanomaly

100.2740, -2.1071, 22.5617

Deuteranomaly

100.4940, -9.1175, 31.1388

Tritanomaly

98.0400, -10.3727, 60.4779

Monochromacy



Original Color

98.6640, -6.7364, 60.8077

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8610, -2.3965, 22.0469

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6640, -6.7364, 60.8077 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(168, 66, 85)` looks like.

```
.text, #text, p{  
    color:rgb(168, 66, 85)  
}
```

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(168, 66, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 66, 85) }
```

Border

The CSS property to change the border of an element to YUV 98.6640, -6.7364, 60.8077 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(168, 66, 85) }
```


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

```
.border{ border-color:rgb(168, 66, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 66, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 66, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 66, 85);  
box-shadow:4px 4px 4px 4px rgb(168, 66,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 98.6640, -6.7364, 60.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 66, 85) }
```

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

```
.background{ background-color: rgb(168, 66,  
85) }
```

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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