

Converting Colors

YUV(98.6400, 9.5445, 18.7327)

Have a look what the booklet for
YUV(98.6400, 9.5445, 18.7327)
contains.

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Color

**YUV(98.6400, 9.5445,
18.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	785476
RGB	120, 84, 118
RGB Percent	47%, 33%, 46%
CMY	0.5294, 0.6706, 0.5373
CMYK	0.00, 0.30, 0.02, 0.53
HSL	303°, 18%, 40%
HSV	303°, 30%, 47%
XYZ	14.1861, 11.6417, 18.6389
YIQ	98.6400, 10.5420, 18.2060

Conversions

Conversions Part 2

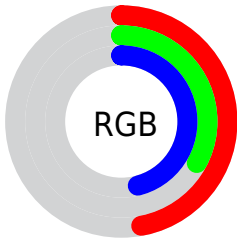
Format	Color
R_{YB}	120, 84, 118
Decimal	7885942
CIE Lab	40.64, 21.08, -13.39
CIE LCh	41, 24.976, 327.572
Yxy	11.6417, 0.3190, 0.2618
Android (android.graphics.Color)	4286076022 (0xFF785476)
YUV	98.6400, 9.5445, 18.7327
Hunter-Lab	34.1200, 14.5050, -8.5047

Details

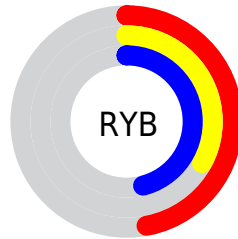
The YUV color **98.6400, 9.5445, 18.7327** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105.3600, -9.5445, -18.7327**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7650, 9.9759, 20.3771**, and **51.5150, 9.1131, 17.0883** is the 20% darker color. If you saturate the color by 10%, you get **91.4820, 12.5804, 25.0103**, and if you desaturate by 10%, it is **105.7980, 6.5086, 12.4552**.

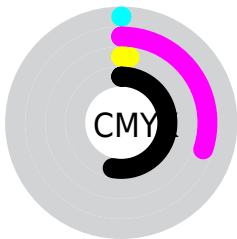
Distribution



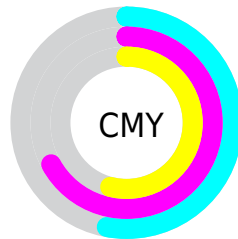
- Red (47%)
- Green (33%)
- Blue (46%)



- Red (47%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6400, 9.5445, 18.7327 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 98.6400, 9.5445, 18.7327 by changing the saturation by 10% instead.

■ 98.6400, 9.5445,
18.7327

■ 98.6400, 9.5445,
18.7327

■ 255.0000, 0.0000,
0.0000

■ 74.2270, 9.2551,
18.2179

■ 149.7650, 9.9759,
20.3771

■ 51.5150, 9.1131,
17.0883

■ 176.1780, 10.2652,
20.8919

■ 29.6890, 8.5343,
16.0587

■ 204.5910, 10.5546,
21.4067

■ 12.0480, 7.3713,
15.7439

■ 231.4060, 11.1388,
20.6919

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.1833,
5.6628

98.6400, 9.5445,
18.7327

98.6400, 9.5445,
18.7327

91.4820, 12.5804,
25.0103

105.7980, 6.5086,
12.4552

84.4380, 16.0531,
31.1879

112.8420, 3.0359,
6.2776

77.2800, 19.0890,
37.4654

120.0000, 0.0000,
0.0000

70.1220, 22.1249,
43.7430

127.1580, -3.0359,
-6.2776

63.0780, 25.5975,
49.9206

134.2020, -6.5086,
-12.4552

55.9200, 28.6334,
56.1982


141.3600, -9.5445,
-18.7327

48.7620, 31.6693,
62.4757

148.5180,
-12.5804, -25.0103

155.5620,

-16.0531, -31.1879

 162.7200,
-19.0890, -37.4654

Harmonies

Analogous

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



97.1690, 17.1717, -1.0252



98.6400, 9.5445, 18.7327



97.8990, 0.0498, 30.7836

Triad

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



98.6400, 9.5445, 18.7327



94.6370, -19.5410, 14.3504



77.3110, 18.0877, -61.6627

Complementary

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



98.6400, 9.5445, 18.7327



105.3600, -9.5445, -18.7327

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.



84.7730, 4.0559, -41.0199



98.6400, 9.5445, 18.7327



92.3360, -16.4346, -2.0487

Square

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



98.6400, 9.5445, 18.7327



96.1100, -16.8162, 27.0905



89.6910, -8.2287, -20.7770



83.6420, 22.8545, -50.5520

Rectangle

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



98.6400, 9.5445, 18.7327



97.2000, -6.5076, 34.0276



89.6910, -8.2287, -20.7770



80.0900, 13.2666, -55.3299

Sweetspot

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



98.6400, 9.5445, 18.7327



147.6680, 3.6147, 7.3072



88.7020, 15.4299, -2.3697



73.7170, 2.6045, 4.6332



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



98.6400, 9.5445, 18.7327



122.6720, 14.4587, 29.2287



96.5880, 1.6821, 20.5323



57.4780, 1.7363, 3.0888



50.8270, 33.1163, 65.0497



102.4800, 66.8114, 131.1290

Inverse Universe

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



98.6400, 9.5445, 18.7327



122.6720, 14.4587, 29.2287



107.4120, -1.6821, -20.5323



57.4780, 1.7363, 3.0888



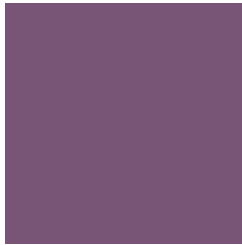
50.8270, 33.1163, 65.0497



102.4800, 66.8114, 131.1290

Previews

White Background



This preview shows how the YUV color 98.6400, 9.5445, 18.7327 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 98.6400, 9.5445, 18.7327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

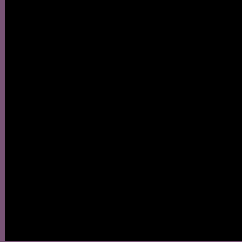
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6400, 9.5445, 18.7327

Background



This preview shows how black text looks on a background with the YUV color 98.6400, 9.5445, 18.7327.



This preview shows how white text looks on a background with the YUV color 98.6400, 9.5445,

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

98.6400, 9.5445, 18.7327

Protanopia

96.4410, 14.5726, -7.4028

Deuteranopia

96.8070, 9.4621, -1.5847



Tritanopia

97.4690, -1.2172, 17.1287

Trichromacy



Original Color

98.6400, 9.5445, 18.7327

Protanomaly

97.3390, 12.6509, 2.3337

Deuteranomaly

97.2640, 9.7298, 5.9075

Tritanomaly

98.0930, 2.4192, 17.4584

Monochromacy



Original Color

98.6400, 9.5445, 18.7327

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2550, 3.3253, 6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6400, 9.5445, 18.7327 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(120, 84, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 84, 118)  
}
```

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(120, 84, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 84, 118) }
```

Border

The CSS property to change the border of an element to YUV 98.6400, 9.5445, 18.7327 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(120, 84, 118) }
```


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

```
.border{ border-color:rgb(120, 84, 118) }
```

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

Here you see how a box with a 4 pixel rgb(120, 84, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 84, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 84, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 84,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 98.6400, 9.5445, 18.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 84, 118) }
```

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

```
.background{ background-color: rgb(120, 84,  
118) }
```

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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