

Converting Colors

YUV(98.8660, 13.3771, 2.7485)

Have a look what the booklet for
YUV(98.8660, 13.3771, 2.7485)
contains.

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Color

**YUV(98.8660, 13.3771,
2.7485)**

Conversions

Conversions Part 1

Format	Color
Hex	665C7E
RGB	102, 92, 126
RGB Percent	40%, 36%, 49%
CMY	0.6000, 0.6392, 0.5059
CMYK	0.19, 0.27, 0.00, 0.51
HSL	258°, 16%, 43%
HSV	258°, 27%, 49%
XYZ	13.0725, 11.9854, 21.3631
YIQ	98.8660, -4.9540, 12.6940

Conversions

Conversions Part 2

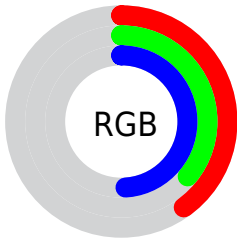
Format	Color
R_{YB}	102, 92, 126
Decimal	6708350
CIE _{Lab}	41.19, 11.57, -17.61
CIE _{LCh}	41, 21.070, 303.315
Yxy	11.9854, 0.2816, 0.2582
Android (android.graphics.Color)	4284898430 (0xFF665C7E)
YUV	98.8660, 13.3771, 2.7485
Hunter-Lab	34.6200, 6.8168, -12.3523

Details

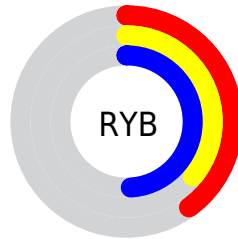
The YUV color **98.8660, 13.3771, 2.7485** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **119.1340, -13.3771, -2.7485**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5070, 14.5400, 3.0634**, and **51.9260, 12.3615, 1.8189** is the 20% darker color. If you saturate the color by 10%, you get **88.5440, 18.4658, 3.9079**, and if you desaturate by 10%, it is **109.1880, 8.2883, 1.5891**.

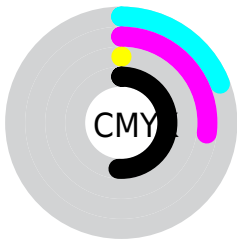
Distribution



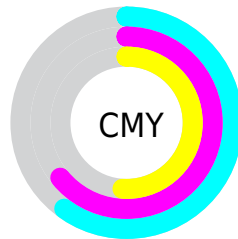
- Red (40%)
- Green (36%)
- Blue (49%)



- Red (40%)
- Yellow (36%)
- Blue (49%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8660, 13.3771, 2.7485 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 98.8660, 13.3771, 2.7485 by changing the saturation by 10% instead.

■ 98.8660, 13.3771,
2.7485

■ 98.8660, 13.3771,
2.7485

■ 255.0000, 0.0000,
0.0000

■ 74.7520, 12.9403,
2.8485

■ 149.5070, 14.5400,
3.0634

■ 51.9260, 12.3615,
1.8189

■ 176.5070, 14.5400,
3.0634

■ 30.3990, 11.6353,
1.4041

■ 204.0340, 15.2662,
3.4782

■ 7.6490, 12.4980,
4.6928

■ 231.1220, 11.7719,
4.2780

■ 0.6840, 2.6208,
-0.5999

■ 253.2390, 0.8682,
1.5444

■ 0.0000, 0.0000,
0.0000

■ 98.8660, 13.3771,
2.7485

■ 98.8660, 13.3771,
2.7485

■ 88.5440, 18.4658,
3.9079

■ 109.1880, 8.2883,
1.5891

■ 78.8090, 23.2652,
4.5525

■ 118.9230, 3.4890,
0.9445

■ 68.4870, 28.3539,
5.7119

■ 129.2450, -1.5998,
-0.2149

■ 58.7520, 33.1533,
6.3565

■ 138.9800, -6.3991,
-0.8595

■ 48.7290, 38.0946,
8.1307

■ 149.0030,
-11.3405, -2.6336

■ 38.4070, 43.1833,
9.2901

■ 159.3250,
-16.4292, -3.7930

■ 28.6720, 47.9827,
9.9347


■ 169.0600,
-21.2286, -4.4376

■ 25.4270, 49.5825,

■ 179.3820,

10.1495

-26.3173, -5.5970

 189.1170,
-31.1167, -6.2416

Harmonies

Analogous

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



95.4830, 17.5099, -16.2096



98.8660, 13.3771, 2.7485



100.1300, 6.3449, 18.3030

Triad

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



98.8660, 13.3771, 2.7485



97.5330, -15.0528, 21.4576



88.7460, 5.0552, -34.8572

Complementary

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



98.8660, 13.3771, 2.7485



119.1340, -13.3771, -2.7485

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.



91.2010, -5.0291, -20.3473



98.8660, 13.3771, 2.7485



96.1140, -16.3252, 9.5470

Square

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



98.8660, 13.3771, 2.7485



98.3580, -9.5435, 27.7500



94.2370, -12.9348, -4.5928



87.1070, 14.2442, -42.1898

Rectangle

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



98.8660, 13.3771, 2.7485



99.2080, 1.3765, 25.2506



94.2370, -12.9348, -4.5928



89.2690, 1.8394, -30.0539

Sweetspot

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



98.8660, 13.3771, 2.7485



152.6780, 5.0887, 1.1594



109.9640, 7.9057, -15.7544



74.9230, 3.4890, 0.9445



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



98.8660, 13.3771, 2.7485



121.4130, 20.5024, 4.0228



103.9490, 10.8711, 13.1997



58.3960, 2.7628, 0.5297



25.6550, 50.4561, 9.9496



0.0000, 0.0000, 0.0000

Inverse Universe

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



104.9020, 5.4713, 18.5029



130.7660, 8.4964, 28.2692



114.0510, -10.8711, -13.1997



59.6630, 1.1521, 3.8035



48.5320, 20.4437, 69.6934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 98.8660, 13.3771, 2.7485 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 98.8660, 13.3771, 2.7485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

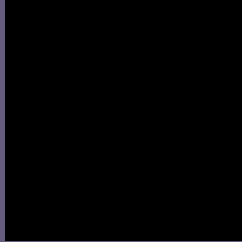
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.8660, 13.3771, 2.7485

Background



This preview shows how black text looks on a background with the YUV color 98.8660, 13.3771, 2.7485.



This preview shows how white text looks on a background with the YUV color 98.8660, 13.3771,

2.7485.

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

98.8660, 13.3771, 2.7485

Protanopia

97.3700, 15.5936, -8.2175

Deuteranopia

97.5230, 13.5462, -4.8437



Tritanopia

97.5100, 3.1996, 0.4297

Trichromacy



Original Color

98.8660, 13.3771, 2.7485

Protanomaly

98.1640, 14.7091, -4.5288

Deuteranomaly

98.1320, 13.2459, -1.8698

Tritanomaly

98.1340, 6.8359, 0.7595

Monochromacy



Original Color

98.8660, 13.3771, 2.7485

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8660, 13.3771, 2.7485 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(102, 92, 126)` looks like.

```
.text, #text, p{  
    color:rgb(102, 92, 126)  
}
```

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(102, 92, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 92, 126) }
```

Border

The CSS property to change the border of an element to YUV 98.8660, 13.3771, 2.7485 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(102, 92, 126) }
```


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

```
.border{ border-color:rgb(102, 92, 126) }
```

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

Here you see how a box with a 4 pixel rgb(102, 92, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 92, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 92, 126);  
box-shadow:4px 4px 4px 4px rgb(102, 92,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 98.8660, 13.3771, 2.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 92, 126) }
```

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

```
.background{ background-color: rgb(102, 92,  
126) }
```

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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