

Converting Colors

YUV(96.8990, 13.3608, 7.9816)

Have a look what the booklet for
YUV(96.8990, 13.3608, 7.9816)
contains.

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Color

**YUV(96.8990, 13.3608,
7.9816)**

Conversions

Conversions Part 1

Format	Color
Hex	6A577C
RGB	106, 87, 124
RGB Percent	42%, 34%, 49%
CMY	0.5843, 0.6588, 0.5137
CMYK	0.15, 0.30, 0.00, 0.51
HSL	271°, 18%, 41%
HSV	271°, 30%, 49%
XYZ	12.9901, 11.3358, 20.5722
YIQ	96.8990, -0.5530, 15.5350

Conversions

Conversions Part 2

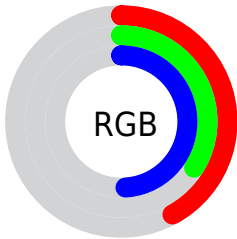
Format	Color
R_{YB}	106, 87, 124
Decimal	6969212
CIE _{Lab}	40.14, 15.57, -17.97
CIE _{LCh}	40, 23.774, 310.900
Yxy	11.3358, 0.2893, 0.2525
Android (android.graphics.Color)	4285159292 (0xFF6A577C)
YUV	96.8990, 13.3608, 7.9816
Hunter-Lab	33.6687, 9.9492, -12.6592




Details

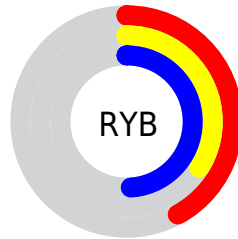
The YUV color **96.8990, 13.3608, 7.9816** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **114.1010, -13.3608, -7.9816**, and the grayscale version is **97.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **147.8390, 14.3764, 8.9112**, and **49.9590, 12.3452, 7.0520** is the 20% darker color. If you saturate the color by 10%, you get **88.0610, 17.7179, 10.4705**, and if you desaturate by 10%, it is **105.7370, 9.0037, 5.4927**.

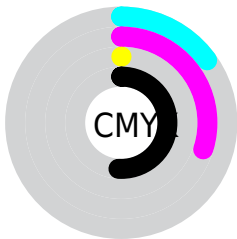
Distribution







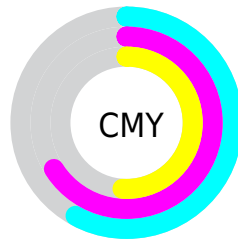
-  Red (42%)
-  Green (34%)
-  Blue (49%)






-  Red (42%)
-  Yellow (34%)
-  Blue (49%)



-  Cyan (15%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (58%)
-  Magenta (66%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8990, 13.3608, 7.9816 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 96.8990, 13.3608, 7.9816 by changing the saturation by 10% instead.

■ 96.8990, 13.3608,
7.9816

■ 96.8990, 13.3608,
7.9816

■ 255.0000, 0.0000,
0.0000

■ 73.0730, 12.7820,
6.9520

■ 147.8390, 14.3764,
8.9112

■ 49.9590, 12.3452,
7.0520

■ 174.2520, 14.6658,
9.4260

■ 29.0190, 11.3296,
6.1223

■ 201.6650, 14.9552,
9.9408

■ 8.9160, 10.8874,
7.9667

■ 229.0950, 12.7712,
10.4407

■ 0.2280, 0.8736,
-0.2000

■ 250.3040, 2.3151,
4.1184

■ 0.0000, 0.0000,
0.0000

96.8990, 13.3608,
7.9816

96.8990, 13.3608,
7.9816

88.0610, 17.7179,
10.4705

105.7370, 9.0037,
5.4927

78.6360, 22.3645,
13.4742

115.1620, 4.3571,
2.4889

69.7980, 26.7216,
15.9632

124.0000, 0.0000,
0.0000

60.3730, 31.3681,
18.9669

133.4250, -4.6465,
-3.0037

51.5350, 35.7252,
21.4558

142.2630, -9.0037,
-5.4927

42.6970, 40.0824,
23.9447


151.1010,
-13.3608, -7.9816

33.2720, 44.7289,
26.9485

160.5260,
-18.0073, -10.9853

169.3640,

-22.3645, -13.4742

 178.7890,
-27.0110, -16.4780

Harmonies

Analogous

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



93.6620, 19.3936, -13.7356



96.8990, 13.3608, 7.9816



97.2340, 5.3076, 24.3508

Triad

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



96.8990, 13.3608, 7.9816



94.1370, -17.8155, 20.9279



82.1190, 9.3083, -45.7084

Complementary

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



96.8990, 13.3608, 7.9816



114.1010, -13.3608, -7.9816

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.



86.7270, -2.8234, -27.8246



96.8990, 13.3608, 7.9816



92.9350, -18.2090, 7.0730

Square

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



96.8990, 13.3608, 7.9816



95.5710, -12.6065, 30.1942



90.3180, -12.4818, -9.9259



80.2950, 19.0816, -53.7557

Rectangle

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



96.8990, 13.3608, 7.9816



96.9590, -0.9658, 29.8540



90.3180, -12.4818, -9.9259



83.8270, 5.5083, -40.1903

Sweetspot

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



96.8990, 13.3608, 7.9816



150.1020, 5.3727, 3.4185



102.3710, 10.6631, -13.4804



75.2220, 3.3416, 1.5593



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.



96.8990, 13.3608, 7.9816



118.5820, 20.9121, 12.6446



102.2810, 10.7075, 19.0476



56.5810, 2.1786, 1.2445



33.3860, 45.1657, 26.8485



67.5980, 90.9102, 54.7266

Inverse Universe

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



100.1150, 2.4083, 20.9471



123.5340, 3.6807, 32.8577



108.7190, -10.7075, -19.0476



57.1360, 0.4260, 3.3887



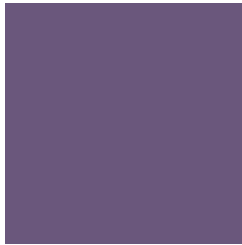
44.3290, 8.2188, 70.7485



89.3700, 16.5796, 142.6265

Previews

White Background



This preview shows how the YUV color 96.8990, 13.3608, 7.9816 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 96.8990, 13.3608, 7.9816 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 96.8990, 13.3608, 7.9816

Background



This preview shows how black text looks on a background with the YUV color 96.8990, 13.3608, 7.9816.



This preview shows how white text looks on a background with the YUV color 96.8990, 13.3608,

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

96.8990, 13.3608, 7.9816

Protanopia

94.4130, 17.0514, -9.1322

Deuteranopia

95.2240, 13.6936, -5.4584



Tritanopia

95.7880, 1.5835, 5.4479

Trichromacy



Original Color

96.8990, 13.3608, 7.9816

Protanomaly

95.4030, 15.5773, -2.9844

Deuteranomaly

95.8440, 13.3879, -0.7402

Tritanomaly

95.9390, 5.9461, 6.1925

Monochromacy



Original Color

96.8990, 13.3608, 7.9816

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6890, 5.0833, 2.9037

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8990, 13.3608, 7.9816 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(106, 87, 124)` looks like.

```
.text, #text, p{  
    color:rgb(106, 87, 124)  
}
```

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(106, 87, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 87, 124) }
```

Border

The CSS property to change the border of an element to YUV 96.8990, 13.3608, 7.9816 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(106, 87, 124) }
```


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

```
.border{ border-color:rgb(106, 87, 124) }
```

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

Here you see how a box with a 4 pixel rgb(106, 87, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 87, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 87, 124);  
box-shadow:4px 4px 4px 4px rgb(106, 87,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 96.8990, 13.3608, 7.9816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 87, 124) }
```

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

```
.background{ background-color: rgb(106, 87,  
124) }
```

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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