

Converting Colors

YUV(117.0800, 25.5966, 3.4378)

Have a look what the booklet for
YUV(117.0800, 25.5966, 3.4378)
contains.

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Color

**YUV(117.0800, 25.5966,
3.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	7969A9
RGB	121, 105, 169
RGB Percent	47%, 41%, 66%
CMY	0.5255, 0.5882, 0.3373
CMYK	0.28, 0.38, 0.00, 0.34
HSL	255°, 27%, 54%
HSV	255°, 38%, 66%
XYZ	20.0982, 17.0327, 39.7645
YIQ	117.0800, -11.0080, 23.2960

Conversions

Conversions Part 2

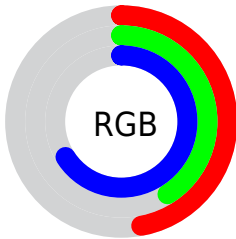
Format	Color
R_{YB}	121, 105, 169
Decimal	7956905
CIE _{Lab}	48.30, 20.72, -32.09
CIE _{LCh}	48, 38.202, 302.847
Yxy	17.0327, 0.2614, 0.2215
Android (android.graphics.Color)	4286146985 (0xFF7969A9)
YUV	117.0800, 25.5966, 3.4378
Hunter-Lab	41.2707, 14.7031, -28.2367

Details

The YUV color **117.0800, 25.5966, 3.4378** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **156.9200, -25.5966, -3.4378**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5470, 27.3383, 4.7823**, and **68.3140, 24.0022, 1.4786** is the 20% darker color. If you saturate the color by 10%, you get **103.2140, 32.4325, 4.1973**, and if you desaturate by 10%, it is **130.9460, 18.7606, 2.6784**.

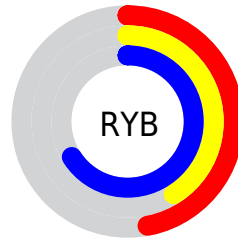
Distribution



Red (47%)

Green (41%)

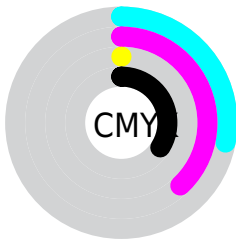
Blue (66%)



Red (47%)

Yellow (41%)

Blue (66%)

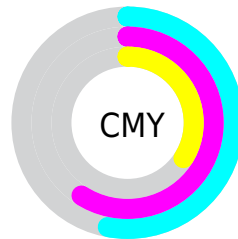


Cyan (28%)

Magenta (38%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (59%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0800, 25.5966, 3.4378 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 117.0800, 25.5966, 3.4378 by changing the saturation by 10% instead.

■ 117.0800, 25.5966,
3.4378

■ 117.0800, 25.5966,
3.4378

■ 255.0000, 0.0000,
0.0000

■ 92.1400, 24.5810,
2.5082

■ 169.5470, 27.3383,
4.7823

■ 68.3140, 24.0022,
1.4786

■ 196.9600, 27.6277,
5.2971

■ 45.0750, 23.1340,
-0.0658

■ 221.9960, 16.2710,
7.8965

■ 23.1240, 22.1239,
-2.7397

■ 245.6080, 4.6303,
8.2368

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 117.0800, 25.5966,
3.4378

■ 117.0800, 25.5966,
3.4378

■ 103.2140, 32.4325,
4.1973

■ 130.9460, 18.7606,
2.6784

■ 89.6470, 39.1210,
5.5716

■ 144.5130, 12.0721,
1.3041

■ 75.7810, 45.9570,
6.3311

■ 158.3790, 5.2362,
0.5446

■ 61.9150, 52.7929,
7.0905

■ 172.2450, -1.5998,
-0.2149

■ 48.9350, 59.1920,
7.9500

■ 185.2250, -7.9989,
-1.0743

■ 35.0690, 66.0280,
8.7095

■ 199.0910,
-14.8349, -1.8338

■ 31.8240, 67.6278,
8.9244

■ 212.9570,
-21.6708, -2.5933

■ 226.5240,
-28.3593, -3.9675

■ 239.2160,
-34.6165, -3.6974

Harmonies

Analogous

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



107.9220, 35.0415, -39.3966



117.0800, 25.5966, 3.4378



118.0640, 13.2794, 34.1469

Triad

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



117.0800, 25.5966, 3.4378



113.3150, -27.7633, 38.3117



90.2350, 13.1951, -79.1361

Complementary

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



117.0800, 25.5966, 3.4378



156.9200, -25.5966, -3.4378

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.



101.4450, -8.6004, -41.6093



117.0800, 25.5966, 3.4378



111.5590, -31.3346, 17.0498

Square

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



117.0800, 25.5966, 3.4378



114.3780, -16.4554, 51.4115



107.8160, -24.5593, -9.4856



93.2960, 27.4621, -81.8206

Rectangle

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



117.0800, 25.5966, 3.4378



116.6220, 3.6374, 46.8125



107.8160, -24.5593, -9.4856



88.9810, 8.3904, -78.0363

Sweetspot

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



117.0800, 25.5966, 3.4378



199.5300, 9.5987, 1.2892



140.4720, 14.0643, -31.1089



97.9060, 5.9623, 0.9594



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.



117.0800, 25.5966, 3.4378



139.3480, 39.2684, 4.9568



126.6480, 20.8795, 23.1107



77.5100, 3.1996, 0.4297



27.9350, 59.1920, 7.9500



3.7750, 7.9989, 1.0743

Inverse Universe

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



129.6080, 11.5323, 34.5468



158.7380, 17.8772, 52.8498



147.3520, -20.8795, -23.1107



79.0760, 1.4415, 4.3183



56.9060, 26.6683, 79.8894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 117.0800, 25.5966, 3.4378 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 117.0800, 25.5966, 3.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

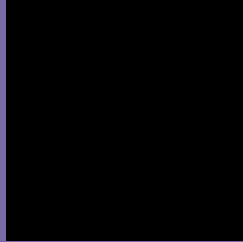
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.0800, 25.5966, 3.4378

Background



This preview shows how black text looks on a background with the YUV color 117.0800, 25.5966, 3.4378.

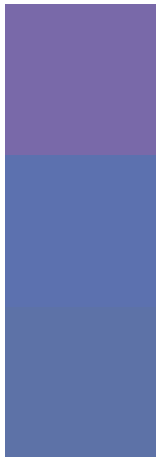


This preview shows how white text looks on a background with the YUV color 117.0800, 25.5966,

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

117.0800, 25.5966, 3.4378

Protanopia

113.7890, 30.1770, -19.1090

Deuteranopia

113.7630, 26.2458, -18.2092



Tritanopia

114.5420, 4.6628, -2.2293

Trichromacy



Original Color

117.0800, 25.5966, 3.4378

Protanomaly

115.0890, 28.5501, -10.6021

Deuteranomaly

115.1060, 26.0767, -10.6170

Tritanomaly

115.5020, 12.0775, -0.4403

Monochromacy



Original Color

117.0800, 25.5966, 3.4378

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1170, 9.3093, 0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0800, 25.5966, 3.4378 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(121, 105, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 105, 169)  
}
```

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(121, 105, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 105, 169) }
```

Border

The CSS property to change the border of an element to YUV 117.0800, 25.5966, 3.4378 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(121, 105, 169) }
```


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

```
.border{ border-color:rgb(121, 105, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 105, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 105, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 105, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 105,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 117.0800, 25.5966, 3.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 105, 169) }
```

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

```
.background{ background-color: rgb(121,  
105, 169) }
```

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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