

Converting Colors

YUV(117.6260, 4.1284, 29.2690)

Have a look what the booklet for
YUV(117.6260, 4.1284, 29.2690)
contains.

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Color

**YUV(117.6260, 4.1284,
29.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	97637E
RGB	151, 99, 126
RGB Percent	59%, 39%, 49%
CMY	0.4078, 0.6118, 0.5059
CMYK	0.00, 0.34, 0.17, 0.41
HSL	329°, 21%, 49%
HSV	329°, 34%, 59%
XYZ	20.9902, 17.0093, 21.9155
YIQ	117.6260, 22.3250, 19.4210

Conversions

Conversions Part 2

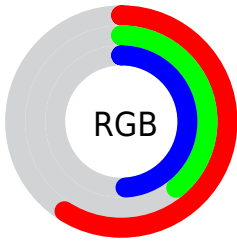
Format	Color
R_{YB}	151, 99, 126
Decimal	9921406
CIE _{Lab}	48.27, 25.19, -6.40
CIE _{LCh}	48, 25.990, 345.755
Yxy	17.0093, 0.3503, 0.2839
Android (android.graphics.Color)	4288111486 (0xFF97637E)
YUV	117.6260, 4.1284, 29.2690
Hunter-Lab	41.2424, 18.6730, -2.6360

Details

The YUV color **117.6260, 4.1284, 29.2690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.3740, -4.1284, -29.2690**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0500, 4.4123, 31.5281**, and **68.3160, 4.2812, 26.9099** is the 20% darker color. If you saturate the color by 10%, you get **108.0230, 5.4117, 37.6908**, and if you desaturate by 10%, it is **127.2290, 2.8451, 20.8472**.

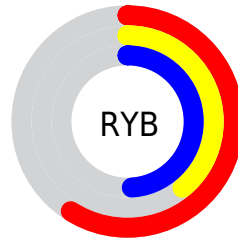
Distribution



Red (59%)

Green (39%)

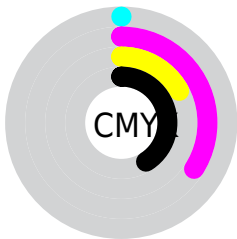
Blue (49%)



Red (59%)

Yellow (39%)

Blue (49%)

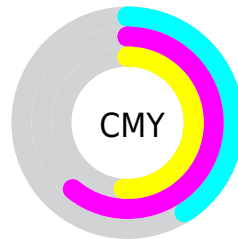


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (61%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.6260, 4.1284, 29.2690 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 117.6260, 4.1284, 29.2690 by changing the saturation by 10% instead.


 117.6260, 4.1284,
29.2690

 117.6260, 4.1284,
29.2690


255.0000, 0.0000,
0.0000

 92.9140, 3.9864,
28.1394

 170.0500, 4.4123,
31.5281


 68.3160, 4.2812,
26.9099


 197.6480, 4.1175,
32.7577


 44.7180, 4.5760,
25.6803

 223.2560, 5.2968,
27.8395

 22.2340, 5.3076,
24.3508

 242.0860, 6.3666,
11.3256

 9.9960, -0.4910,
17.5435

 0.0000, 0.0000,
0.0000

■ 117.6260, 4.1284,
29.2690

■ 117.6260, 4.1284,
29.2690

■ 108.0230, 5.4117,
37.6908

■ 127.2290, 2.8451,
20.8472

■ 98.3060, 6.2581,
46.2126

■ 136.9460, 1.9986,
12.3254

■ 88.7030, 7.5414,
54.6345

■ 146.5490, 0.7153,
3.9035

■ 79.1000, 8.8247,
63.0563

■ 156.1520, -0.5679,
-4.5183

■ 69.4970, 10.1080,
71.4781

■ 166.3420, -2.1406,
-13.4549

■ 59.1930, 11.2439,
80.5147

■ 176.0590, -2.9871,
-21.9767

■ 54.0410, 11.8118,
85.0330

■ 185.6620, -4.2704,
-30.3986

■ 195.2650, -5.5536,

-38.8204

 204.8680, -6.8369,
-47.2422

Harmonies

Analogous

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



117.6330, 13.4919, 12.5999



117.6260, 4.1284, 29.2690



116.6240, -6.2236, 36.2868

Triad

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



117.6260, 4.1284, 29.2690



112.1690, -19.8033, 5.1138



101.2670, 21.5604, -55.4852

Complementary

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



117.6260, 4.1284, 29.2690



132.3740, -4.1284, -29.2690

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.



100.5850, 12.5296, -52.2560



117.6260, 4.1284, 29.2690



109.4700, -13.0497, -14.4442

Square

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



117.6260, 4.1284, 29.2690



114.3390, -20.8731, 21.6277



105.4380, -1.2019, -34.5871



108.3710, 23.9741, -36.2824

Rectangle

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



117.6260, 4.1284, 29.2690



116.1910, -12.9122, 34.9125



105.4380, -1.2019, -34.5871



99.3870, 19.5292, -57.3444

Sweetspot

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



117.6260, 4.1284, 29.2690



183.8210, 1.5672, 10.6810



112.1040, 19.1757, 9.5558



91.9730, 0.9993, 6.1627



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



117.6260, 4.1284, 29.2690



144.7080, 6.5530, 44.9831



114.7760, -6.7916, 31.7684



71.8480, 0.5679, 4.5183



50.1820, 11.2493, 78.7704



4.6850, 1.1413, 7.2923

Inverse Universe

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



117.6260, 4.1284, 29.2690



144.7080, 6.5530, 44.9831



135.2240, 6.7916, -31.7684



71.8480, 0.5679, 4.5183



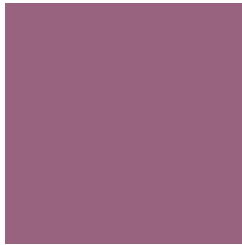
50.1820, 11.2493, 78.7704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 117.6260, 4.1284, 29.2690 looks on a white background.

Color Contrast Check

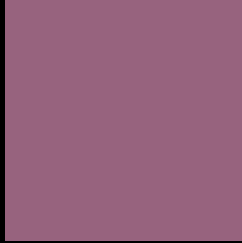
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6260, 4.1284, 29.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

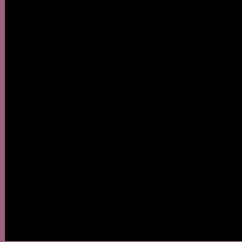
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.6260, 4.1284, 29.2690

Background



This preview shows how black text looks on a background with the YUV color 117.6260, 4.1284, 29.2690.



This preview shows how white text looks on a background with the YUV color 117.6260, 4.1284,

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

117.6260, 4.1284, 29.2690

Protanopia

115.6110, 10.0518, -4.0438

Deuteranopia

116.3580, 3.7675, 4.9480



Tritanopia

116.9650, -3.4337, 28.0947

Trichromacy



Original Color

117.6260, 4.1284, 29.2690

Protanomaly

116.7050, 7.5404, 8.1517

Deuteranomaly

116.8260, 4.0298, 14.1846

Tritanomaly

117.3610, -0.6710, 28.6244

Monochromacy



Original Color

117.6260, 4.1284, 29.2690

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8210, 1.5672, 10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6260, 4.1284, 29.2690 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(151, 99, 126)` looks like.

```
.text, #text, p{  
    color:rgb(151, 99, 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(151, 99, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 99, 126) }
```

Border

The CSS property to change the border of an element to YUV 117.6260, 4.1284, 29.2690 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(151, 99, 126) }
```


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

```
.border{ border-color:rgb(151, 99, 126) }
```

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

Here you see how a box with a 4 pixel rgb(151, 99, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 99, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 99, 126);  
box-shadow:4px 4px 4px 4px rgb(151, 99,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 117.6260, 4.1284, 29.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 99, 126) }
```

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

```
.background{ background-color: rgb(151, 99,  
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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