

Converting Colors

YUV(115.9140, 3.9864, 28.1394)

Have a look what the booklet for
YUV(115.9140, 3.9864, 28.1394)
contains.

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Color

**YUV(115.9140, 3.9864,
28.1394)**

Conversions

Conversions Part 1

Format	Color
Hex	94627C
RGB	148, 98, 124
RGB Percent	58%, 38%, 49%
CMY	0.4196, 0.6157, 0.5137
CMYK	0.00, 0.34, 0.16, 0.42
HSL	329°, 20%, 48%
HSV	329°, 34%, 58%
XYZ	20.2185, 16.4865, 21.1854
YIQ	115.9140, 21.4540, 18.6860

Conversions

Conversions Part 2

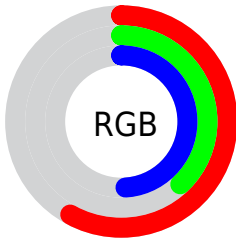
Format	Color
R_{YB}	148, 98, 124
Decimal	9724540
CIE _{Lab}	47.61, 24.31, -6.23
CIE _{LCh}	48, 25.093, 345.634
Yxy	16.4865, 0.3493, 0.2848
Android (android.graphics.Color)	4287914620 (0xFF94627C)
YUV	115.9140, 3.9864, 28.1394
Hunter-Lab	40.6036, 17.8277, -2.5127

Details

The YUV color **115.9140, 3.9864, 28.1394** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.0860, -3.9864, -28.1394**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3380, 4.2704, 30.3986**, and **66.6040, 4.1392, 25.7803** is the 20% darker color. If you saturate the color by 10%, you get **106.3110, 5.2697, 36.5613**, and if you desaturate by 10%, it is **125.5170, 2.7031, 19.7176**.

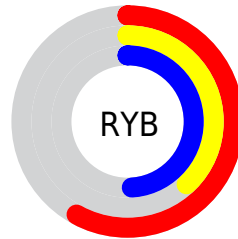
Distribution



Red (58%)

Green (38%)

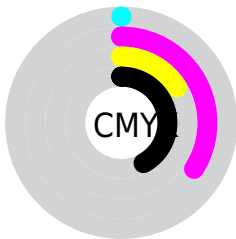
Blue (49%)



Red (58%)

Yellow (38%)

Blue (49%)

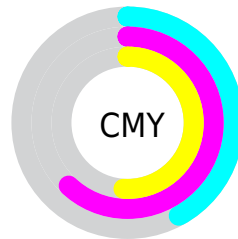


Cyan (0%)

Magenta (34%)

Yellow (16%)

Black (42%)



Cyan (42%)


Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.9140, 3.9864, 28.1394 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 115.9140, 3.9864, 28.1394 by changing the saturation by 10% instead.

 115.9140, 3.9864,
28.1394


 115.9140, 3.9864,
28.1394

255.0000, 0.0000,
0.0000


 91.2020, 3.8444,
27.0098


 168.3380, 4.2704,
30.3986


 66.6040, 4.1392,
25.7803


 195.6370, 4.1230,
31.0134


 44.0060, 4.4340,
24.5507

 222.4410, 4.7126,
28.5542

 20.8210, 5.0182,
23.8360

 241.4990, 6.6560,
11.8404

 8.4580, -1.2118,
15.3843

 0.0000, 0.0000,
0.0000

■ 115.9140, 3.9864,
28.1394

■ 115.9140, 3.9864,
28.1394

■ 106.3110, 5.2697,
36.5613

■ 125.5170, 2.7031,
19.7176

■ 96.7080, 6.5530,
44.9831

■ 135.1200, 1.4198,
11.2958

■ 87.6920, 7.5468,
52.8901

■ 144.1360, 0.4260,
3.3887

■ 78.0890, 8.8301,
61.3119

■ 153.7390, -0.8573,
-5.0331

■ 68.3720, 9.6766,
69.8338

■ 163.4560, -1.7038,
-13.5549

■ 58.7690, 10.9599,
78.2556

■ 173.0590, -2.9871,
-21.9767

■ 53.0300, 11.8172,
83.2887

■ 182.6620, -4.2704,
-30.3986

■ 191.6780, -5.2643,

-38.3056

■ 201.2810, -6.5475,
-46.7274

Harmonies

Analogous

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



115.9210, 13.3499, 11.4703



115.9140, 3.9864, 28.1394



115.0260, -5.9288, 35.0572

Triad

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



115.9140, 3.9864, 28.1394



110.3970, -18.9297, 4.9138



100.6480, 20.3865, -52.3113

Complementary

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



115.9140, 3.9864, 28.1394



130.0860, -3.9864, -28.1394

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.



99.7810, 11.9400, -49.7969



115.9140, 3.9864, 28.1394



107.9970, -12.3235, -14.0294

Square

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



115.9140, 3.9864, 28.1394



112.2680, -19.8521, 20.8130



104.4490, -1.2074, -32.8428



107.0400, 22.6583, -34.2381

Rectangle

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



115.9140, 3.9864, 28.1394



114.0060, -12.3280, 34.1977



104.4490, -1.2074, -32.8428



99.1810, 18.6448, -53.6557

Sweetspot

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



115.9140, 3.9864, 28.1394



178.8210, 1.5672, 10.6810



110.5770, 18.4495, 9.1410



89.2720, 0.8519, 6.7775



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



115.9140, 3.9864, 28.1394



140.9960, 6.4110, 43.8535



113.1780, -6.4968, 30.5389



69.4350, 0.2785, 4.0035



49.4700, 11.1073, 77.6408



3.5600, 0.7099, 5.6479

Inverse Universe

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



115.9140, 3.9864, 28.1394



140.9960, 6.4110, 43.8535



132.8220, 6.4968, -30.5389



69.4350, 0.2785, 4.0035



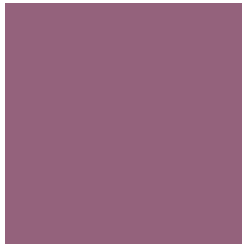
49.4700, 11.1073, 77.6408



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 115.9140, 3.9864, 28.1394 looks on a white background.

Color Contrast Check

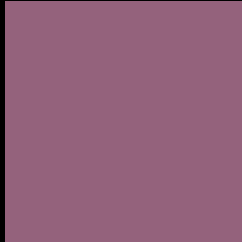
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9140, 3.9864, 28.1394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

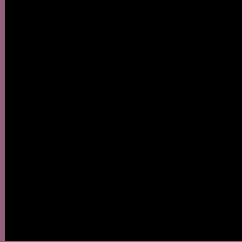
Any Text WCAG AA × Fail

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 115.9140, 3.9864, 28.1394 Background



This preview shows how black text looks on a background with the YUV color 115.9140, 3.9864, 28.1394.



This preview shows how white text looks on a background with the YUV color 115.9140, 3.9864,

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

115.9140, 3.9864, 28.1394

Protanopia

113.4970, 9.6150, -3.9439

Deuteranopia

114.3580, 3.7675, 4.9480



Tritanopia

115.2530, -3.5757, 26.9651

Trichromacy



Original Color

115.9140, 3.9864, 28.1394

Protanomaly

114.4060, 7.6878, 7.5369

Deuteranomaly

115.1140, 3.8878, 13.0550

Tritanomaly

115.6490, -0.8130, 27.4948

Monochromacy



Original Color

115.9140, 3.9864, 28.1394

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8210, 1.5672, 10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9140, 3.9864, 28.1394 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(148, 98, 124)` looks like.

```
.text, #text, p{  
    color:rgb(148, 98, 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(148, 98, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 98, 124) }
```

Border

The CSS property to change the border of an element to YUV 115.9140, 3.9864, 28.1394 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(148, 98, 124) }
```


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

```
.border{ border-color:rgb(148, 98, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 98, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 98, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 98, 124);  
box-shadow:4px 4px 4px 4px rgb(148, 98,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 115.9140, 3.9864, 28.1394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 98, 124) }
```

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

```
.background{ background-color: rgb(148, 98,  
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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