

Converting Colors

YUV(118.9640, 4.4547,
-28.9094)

Have a look what the booklet for
YUV(118.9640, 4.4547, -28.9094)
contains.

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Color

**YUV(118.9640, 4.4547,
-28.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	568680
RGB	86, 134, 128
RGB Percent	34%, 53%, 50%
CMY	0.6627, 0.4745, 0.4980
CMYK	0.36, 0.00, 0.04, 0.47
HSL	172°, 22%, 43%
HSV	172°, 36%, 53%
XYZ	16.2591, 20.5871, 23.5388
YIQ	118.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

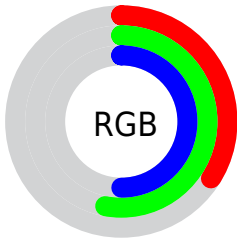
Format	Color
R_{YB}	86, 112, 134
Decimal	5670528
CIE _{Lab}	52.49, -17.68, -1.94
CIE _{LCh}	52, 17.782, 186.263
Yxy	20.5871, 0.2693, 0.3409
Android (android.graphics.Color)	4283860608 (0xFF568680)
YUV	118.9640, 4.4547, -28.9094
Hunter-Lab	45.3731, -15.4386, 1.0024

Details

The YUV color **118.9640, 4.4547, -28.9094** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **101.0360, -4.4547, 28.9094**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6650, 4.6022, -29.5242**, and **69.0780, 4.8915, -29.0094** is the 20% darker color. If you saturate the color by 10%, you get **114.8490, 5.4974, -36.7016**, and if you desaturate by 10%, it is **123.0790, 3.4121, -21.1173**.

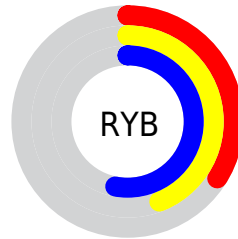
Distribution



Red (34%)

Green (53%)

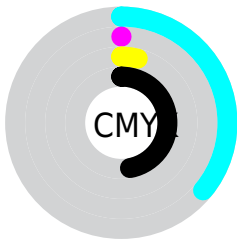
Blue (50%)



Red (34%)

Yellow (44%)

Blue (53%)

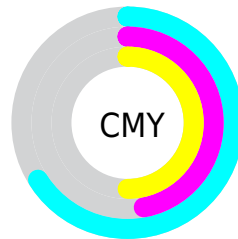


Cyan (36%)

Magenta (0%)

Yellow (4%)

Black (47%)



Cyan (66%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.9640, 4.4547, -28.9094 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 118.9640, 4.4547, -28.9094 by changing the saturation by 10% instead.

■ 118.9640, 4.4547,
-28.9094

■ 118.9640, 4.4547,
-28.9094

■ 255.0000, 0.0000,
0.0000

■ 93.9640, 4.4547,
-28.9094

■ 171.6650, 4.6022,
-29.5242

■ 69.0780, 4.8915,
-29.0094

■ 199.2520, 4.3128,
-30.0390

■ 44.5830, 5.6286,
-32.0833

■ 227.6540, 4.6076,
-31.2686

■ 26.8830, 4.0017,
-23.5764

■ 244.8340, 5.0118,
-20.9024

■ 10.8740, 1.0481,
-9.5365

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 118.9640, 4.4547,
-28.9094

■ 118.9640, 4.4547,
-28.9094

■ 114.8490, 5.4974,
-36.7016

■ 123.0790, 3.4121,
-21.1173

■ 110.5490, 7.1243,
-45.2085

■ 127.3790, 1.7852,
-12.6104

■ 106.4340, 8.1670,
-53.0006

■ 131.4940, 0.7425,
-4.8182

■ 102.0200, 9.3571,
-61.4075

■ 135.9080, -0.4476,
3.5887

■ 98.0190, 10.8366,
-69.2997

■ 139.9090, -1.9271,
11.4808

■ 93.9040, 11.8793,
-77.0918

■ 144.0240, -2.9698,
19.2730

■ 91.9960, 12.3270,
-80.6805

■ 148.4380, -4.1599,
27.6799

■ 152.4390, -5.6394,

35.5720

■ 156.8530, -6.8295,
43.9789

Harmonies

Analogous

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



120.5540, -3.7241, -18.9029



118.9640, 4.4547, -28.9094



118.8910, 11.8857, -32.3534

Triad

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



118.9640, 4.4547, -28.9094



127.0080, 11.3351, 4.3780



125.5650, -13.5895, 18.7985

Complementary

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



118.9640, 4.4547, -28.9094



101.0360, -4.4547, 28.9094

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.



126.7490, -9.2433, 24.7761



118.9640, 4.4547, -28.9094



128.0760, 4.8925, 17.4733

Square

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



118.9640, 4.4547, -28.9094



124.8210, 14.8782, -12.1210



127.5840, -2.2599, 24.9208



124.2710, -14.4306, 8.5323

Rectangle

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



118.9640, 4.4547, -28.9094



120.3090, 14.6377, -28.3350



127.5840, -2.2599, 24.9208



126.4020, -13.0162, 21.5724

Sweetspot

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



118.9640, 4.4547, -28.9094



167.0910, 1.9271, -11.4808



115.9700, -14.7752, -21.0217



83.1840, 0.8953, -7.1774



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



118.9640, 4.4547, -28.9094



149.8480, 6.9769, -44.5937



109.0820, 12.2846, -20.2429



64.0920, 0.4476, -3.5887



89.3060, 12.1741, -78.3214



1.9890, 0.0054, -1.7444

Inverse Universe

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



101.0360, -4.4547, 28.9094



122.1520, -6.9769, 44.5937



110.9180, -12.2846, 20.2429



61.7940, -0.8844, 3.6887



40.6940, -12.1741, 78.3214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 118.9640, 4.4547, -28.9094 looks on a white 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

Black Background



This preview shows how the YUV color 118.9640, 4.4547, -28.9094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

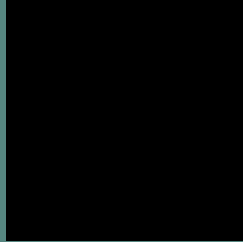
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.9640, 4.4547, -28.9094 Background



This preview shows how black text looks on a background with the YUV color 118.9640, 4.4547, -28.9094.



This preview shows how white text looks on a background with the YUV color 118.9640, 4.4547,

-28.9094.

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

118.9640, 4.4547, -28.9094

Protanopia

124.6690, -1.3158, 2.0443

Deuteranopia

126.0270, 2.4517, 6.9923



Tritanopia

120.5820, 10.5591, -26.8204

Trichromacy



Original Color

118.9640, 4.4547, -28.9094

Protanomaly

122.7600, 0.6113, -9.4365

Deuteranomaly

123.7650, 3.0739, -5.9329

Tritanomaly

120.3000, 8.2331, -27.4501

Monochromacy



Original Color

118.9640, 4.4547, -28.9094

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.6890, 1.6323, -10.2513

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9640, 4.4547, -28.9094 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(86, 134, 128)` looks like.

```
.text, #text, p{  
    color:rgb(86, 134, 128)  
}
```

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(86, 134, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 134, 128) }
```

Border

The CSS property to change the border of an element to YUV 118.9640, 4.4547, -28.9094 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(86, 134, 128) }
```


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

```
.border{ border-color:rgb(86, 134, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 134, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 134, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 134, 128);  
box-shadow:4px 4px 4px 4px rgb(86, 134,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 118.9640, 4.4547, -28.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 134, 128) }
```

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

```
.background{ background-color: rgb(86, 134,  
128) }
```

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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