

Converting Colors

YUV(119.8840, -0.9288,
-28.8393)

Have a look what the booklet for
YUV(119.8840, -0.9288, -28.8393)
contains.

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Color

**YUV(119.8840, -0.9288,
-28.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	578976
RGB	87, 137, 118
RGB Percent	34%, 54%, 46%
CMY	0.6588, 0.4627, 0.5373
CMYK	0.36, 0.00, 0.14, 0.46
HSL	157°, 22%, 44%
HSV	157°, 36%, 54%
XYZ	16.1462, 21.2256, 20.3855
YIQ	119.8840, -23.7010, -16.5090

Conversions

Conversions Part 2

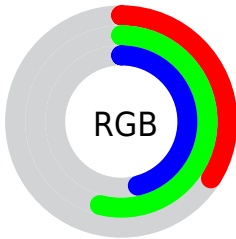
Format	Color
RYB	87, 118, 137
Decimal	5736822
CIELab	53.20, -21.34, 4.89
CIElCh	53, 21.894, 167.101
Yxy	21.2256, 0.2796, 0.3675
Android (android.graphics.Color)	4283926902 (0xFF578976)
YUV	119.8840, -0.9288, -28.8393
Hunter-Lab	46.0712, -18.0674, 6.0153

Details

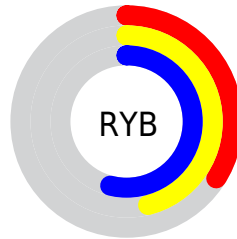
The YUV color **119.8840, -0.9288, -28.8393** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **104.1160, 0.9288, 28.8393**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0580, -1.5076, -29.8689**, and **70.4110, -0.2026, -28.4244** is the 20% darker color. If you saturate the color by 10%, you get **115.1280, -1.0491, -36.9463**, and if you desaturate by 10%, it is **124.6400, -0.8085, -20.7323**.

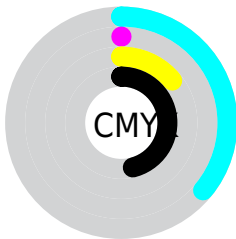
Distribution



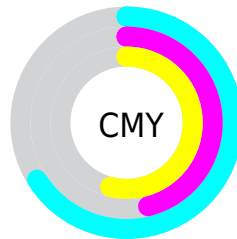
- Red (34%)
- Green (54%)
- Blue (46%)



- Red (34%)
- Yellow (46%)
- Blue (54%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8840, -0.9288, -28.8393 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 119.8840, -0.9288, -28.8393 by changing the saturation by 10% instead.

■ 119.8840, -0.9288,
-28.8393

■ 119.8840, -0.9288,
-28.8393

■ 255.0000, 0.0000,
0.0000

■ 94.2970, -0.6394,
-28.3245

■ 173.0580, -1.5076,
-29.8689

■ 70.4110, -0.2026,
-28.4244

■ 200.6450, -1.7970,
-30.3837

■ 45.6280, 0.6764,
-30.3688

■ 228.3460, -1.6496,
-30.9984

■ 27.1450, -0.0715,
-23.8062

■ 244.7200, 4.5750,
-20.8024

■ 11.1530, -5.4984,
-9.7812

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 119.8840, -0.9288,
-28.8393

■ 119.8840, -0.9288,
-28.8393

■ 115.1280, -1.0491,
-36.9463

■ 124.6400, -0.8085,
-20.7323

■ 110.6710, -1.3168,
-44.4385

■ 129.0970, -0.5408,
-13.2401

■ 105.8010, -1.8739,
-52.4455

■ 133.9670, 0.0163,
-5.2331

■ 101.0450, -1.9942,
-60.5525

■ 138.7230, 0.1366,
2.8739

■ 96.5880, -2.2619,
-68.0447

■ 143.1800, 0.4043,
10.3661

■ 91.8320, -2.3822,
-76.1517

■ 147.9360, 0.5246,
18.4731

■ 90.1090, -2.5187,
-79.0256

■ 152.6920, 0.6448,
26.5801

■ 157.5620, 1.2019,

34.5871

■ 162.0190, 1.4696,
42.0793

Harmonies

Analogous

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



122.4640, -10.5818, -12.6849



119.8840, -0.9288, -28.8393



118.1520, 9.2921, -40.4753

Triad

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



119.8840, -0.9288, -28.8393



127.5380, 17.4828, -7.4878



128.2180, -13.9115, 28.7498

Complementary

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



119.8840, -0.9288, -28.8393



104.1160, 0.9288, 28.8393

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.



129.5910, -6.2074, 31.0537



119.8840, -0.9288, -28.8393



130.0520, 11.3134, 11.3554

Square

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



119.8840, -0.9288, -28.8393



122.9870, 19.7264, -27.1756



129.9630, 2.9762, 25.4654



126.8270, -17.6627, 18.5687

Rectangle

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



119.8840, -0.9288, -28.8393



118.3350, 15.1178, -42.3898



129.9630, 2.9762, 25.4654



128.7990, -11.7329, 29.9943

Sweetspot

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



119.8840, -0.9288, -28.8393



172.1080, -0.5462, -11.4957



122.0310, -17.2703, -14.0592



85.2550, -0.1257, -6.3626



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



119.8840, -0.9288, -28.8393



151.9590, -1.4588, -45.5680



118.5280, 9.1067, -27.6501



66.5650, -0.2785, -4.0035



87.4190, -2.6716, -76.6665



3.2770, -0.1366, -2.8739

Inverse Universe

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



104.1160, 0.9288, 28.8393



127.0410, 1.4588, 45.5680



105.4720, -9.1067, 27.6501



64.4350, 0.2785, 4.0035



45.4670, 2.2348, 76.7664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 119.8840, -0.9288, -28.8393 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 119.8840, -0.9288, -28.8393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

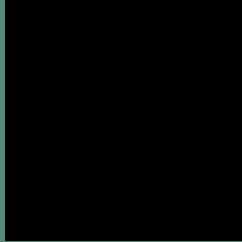
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.8840, -0.9288, -28.8393

Background



This preview shows how black text looks on a background with the YUV color 119.8840, -0.9288, -28.8393.



This preview shows how white text looks on a background with the YUV color 119.8840, -0.9288, -28.8393.

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

119.8840, -0.9288, -28.8393

Protanopia

126.1980, -6.9996, 5.0884

Deuteranopia

127.5670, -3.2375, 11.7807



Tritanopia

122.2940, 10.7011, -25.6908

Trichromacy



Original Color

119.8840, -0.9288, -28.8393

Protanomaly

123.9900, -4.9251, -7.0072

Deuteranomaly

124.4080, -2.1731, -2.9888

Tritanomaly

121.2570, 6.7753, -26.5354

Monochromacy



Original Color

119.8840, -0.9288, -28.8393

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8200, -0.4043, -10.3661

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8840, -0.9288, -28.8393 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(87, 137, 118)` looks like.

```
.text, #text, p{  
    color:rgb(87, 137, 118)  
}
```

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(87, 137, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 137, 118) }
```

Border

The CSS property to change the border of an element to YUV 119.8840, -0.9288, -28.8393 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(87, 137, 118) }
```


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

```
.border{ border-color:rgb(87, 137, 118) }
```

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

Here you see how a box with a 4 pixel rgb(87, 137, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 137, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 137, 118);  
box-shadow:4px 4px 4px 4px rgb(87, 137,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 119.8840, -0.9288, -28.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 137, 118) }
```

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

```
.background{ background-color: rgb(87, 137,  
118) }
```

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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