

Converting Colors

YUV(119.7970, -39.3399,
-28.7630)

Have a look what the booklet for
YUV(119.7970, -39.3399, -28.7630)
contains.

YUV(119.7970, -39.3399, -28.7630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.7970, -39.3399,
-28.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	579828
RGB	87, 152, 40
RGB Percent	34%, 60%, 16%
CMY	0.6588, 0.4039, 0.8431
CMYK	0.43, 0.00, 0.74, 0.40
HSL	95°, 58%, 38%
HSV	95°, 74%, 60%
XYZ	15.5417, 24.6359, 5.9436
YIQ	119.7970, -2.7880, -48.6120

Conversions

Conversions Part 2

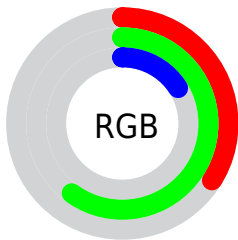
Format	Color
RYB	40, 152, 105
Decimal	5740584
CIELab	56.72, -40.03, 49.51
CIELCh	57, 63.666, 128.955
Yxy	24.6359, 0.3370, 0.5342
Android (android.graphics.Color)	4283930664 (0xFF579828)
YUV	119.7970, -39.3399, -28.7630
Hunter-Lab	49.6346, -30.9681, 27.6444

Details

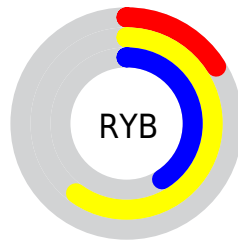
The YUV color **119.7970, -39.3399, -28.7630** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **72.2030, 39.3399, 28.7630**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5690, -40.2135, -28.5630**, and **67.3710, -33.2139, -33.6514** is the 20% darker color. If you saturate the color by 10%, you get **115.3960, -44.5652, -32.7963**, and if you desaturate by 10%, it is **124.1980, -34.1146, -24.7296**.

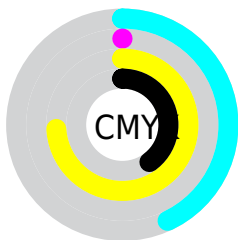
Distribution



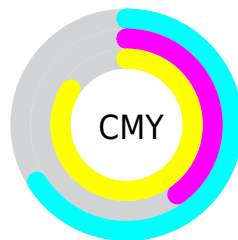
- Red (34%)
- Green (60%)
- Blue (16%)



- Red (16%)
- Yellow (60%)
- Blue (41%)



- Cyan (43%)
- Magenta (0%)
- Yellow (74%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7970, -39.3399, -28.7630 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 119.7970, -39.3399, -28.7630 by changing the saturation by 10% instead.

■ 119.7970,
-39.3399, -28.7630

■ 119.7970,
-39.3399, -28.7630

■ 255.0000, 0.0000,
0.0000

■ 92.2870, -42.5395,
-29.1927

■ 174.5690,
-40.2135, -28.5630

■ 67.3710, -33.2139,
-33.6514

■ 202.3410,
-41.0871, -28.3631

■ 44.6120, -21.9937,
-39.1247

■ 225.5310,
-39.2088, -24.1447

■ 30.5240, -15.0483,
-26.7695

■ 237.2800,
-31.6900, -9.0156

■ 18.1970, -8.9711,
-15.9588

■ 248.9580,
-23.1503, 5.2988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 119.7970,
-39.3399, -28.7630

■ 119.7970,
-39.3399, -28.7630

■ 115.3960,
-44.5652, -32.7963

■ 124.1980,
-34.1146, -24.7296

■ 110.9950,
-49.7905, -36.8296

■ 128.5990,
-28.8893, -20.6963

■ 108.3600,
-53.4215, -38.9037

■ 132.8150,
-23.0798, -17.3778

■ 137.2160,
-17.8545, -13.3444

■ 141.6170,
-12.6292, -9.3111

■ 146.0180, -7.4039,
-5.2778

■ 150.4190, -2.1786,
-1.2445

■ 154.9340, 3.4835,
2.6889

■ 159.0360, 8.8563,
6.1074

Harmonies

Analogous

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



125.5460, -61.8942, 18.8152



119.7970, -39.3399, -28.7630



104.0490, -4.9542, -91.2510

Triad

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



119.7970, -39.3399, -28.7630



117.1710, 60.5547, -102.7590



130.5460, -4.2132, 91.6062

Complementary

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



119.7970, -39.3399, -28.7630



72.2030, 39.3399, 28.7630

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.



136.1190, 20.1543, 69.1786



119.7970, -39.3399, -28.7630



109.9580, 67.0687, -92.0482

Square

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



119.7970, -39.3399, -28.7630



117.2900, 43.2410, -102.8633



139.8810, 40.9777, 16.7674



131.2050, -30.6671, 83.1352

Rectangle

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



119.7970, -39.3399, -28.7630



109.5550, 11.0654, -96.0797



139.8810, 40.9777, 16.7674



131.7010, 4.0914, 87.9622

Sweetspot

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



119.7970, -39.3399, -28.7630



183.6230, -15.0971, -11.0704



110.4690, -34.7412, 36.4227



91.6650, -8.7088, -6.7222



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.



119.7970, -39.3399, -28.7630



146.4920, -60.3886, -44.2815



106.5420, -29.3542, -58.3573



74.5930, -2.7573, -2.2741



99.8210, -49.2118, -35.8000



9.1260, -4.4991, -3.6185

Inverse Universe

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



72.2030, 39.3399, 28.7630



73.5080, 60.3886, 44.2815



85.4580, 29.3542, 58.3573



71.1080, 2.9048, 1.6593



40.1790, 49.2118, 35.8000



3.5750, 4.6465, 3.0037

Previews

White Background



This preview shows how the YUV color 119.7970, -39.3399, -28.7630 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 119.7970, -39.3399, -28.7630 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 119.7970, -39.3399, -28.7630 Background



This preview shows how black text looks on a background with the YUV color 119.7970, -39.3399, -28.7630.



This preview shows how white text looks on a background with the YUV color 119.7970, -39.3399, -28.7630.

-28.7630.

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

119.7970, -39.3399, -28.7630

Protanopia

129.3840, -46.0383, 19.8342

Deuteranopia

131.8400, -40.8401, 32.5893



Tritanopia

131.8920, 10.4062, -24.4613

Trichromacy



Original Color

119.7970, -39.3399, -28.7630

Protanomaly

125.8440, -43.8001, 1.8908

Deuteranomaly

127.2240, -40.0434, 10.3276

Tritanomaly

127.7720, -7.7756, -26.1100

Monochromacy



Original Color

119.7970, -39.3399, -28.7630

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1500, -14.3709, -10.6555

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7970, -39.3399, -28.7630 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, 152, 40)` looks like.

```
.text, #text, p{  
    color:rgb(87, 152, 40)  
}
```

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, 152, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 152, 40) }
```

Border

The CSS property to change the border of an element to YUV 119.7970, -39.3399, -28.7630 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, 152, 40) }
```


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

```
.border{ border-color:rgb(87, 152, 40) }
```

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

Here you see how a box with a 4 pixel rgb(87, 152, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 152, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 152, 40);  
box-shadow:4px 4px 4px 4px rgb(87, 152,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 119.7970, -39.3399, -28.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 152, 40) }
```

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

```
.background{ background-color: rgb(87, 152,  
40) }
```

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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