

Converting Colors

YUV(99.8950, 5.9678, -0.7849)

Have a look what the booklet for
YUV(99.8950, 5.9678, -0.7849)
contains.

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Color

**YUV(99.8950, 5.9678,
-0.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	636270
RGB	99, 98, 112
RGB Percent	39%, 38%, 44%
CMY	0.6118, 0.6157, 0.5608
CMYK	0.12, 0.13, 0.00, 0.56
HSL	244°, 7%, 41%
HSV	244°, 12%, 44%
XYZ	12.4379, 12.5579, 17.0976
YIQ	99.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

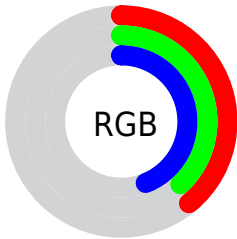
Format	Color
R_{YB}	99, 98, 112
Decimal	6513264
CIE _{Lab}	42.09, 3.46, -7.75
CIE _{LCh}	42, 8.485, 294.084
Yxy	12.5579, 0.2955, 0.2983
Android (android.graphics.Color)	4284703344 (0xFF636270)
YUV	99.8950, 5.9678, -0.7849
Hunter-Lab	35.4371, 0.6360, -3.8001

Details

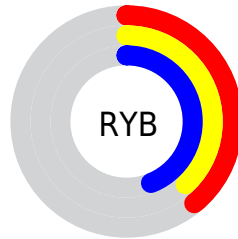
The YUV color **99.8950, 5.9678, -0.7849** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.1050, -5.9678, 0.7849**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0090, 6.4046, -0.8849**, and **53.3680, 5.2416, -1.1997** is the 20% darker color. If you saturate the color by 10%, you get **90.4480, 10.6251, -1.2699**, and if you desaturate by 10%, it is **109.3420, 1.3104, -0.2999**.

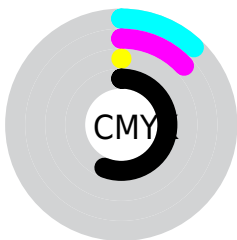
Distribution



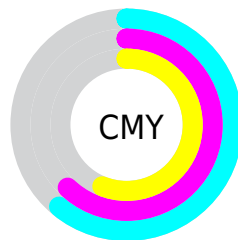
- Red (39%)
- Green (38%)
- Blue (44%)



- Red (39%)
- Yellow (38%)
- Blue (44%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8950, 5.9678, -0.7849 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 99.8950, 5.9678, -0.7849 by changing the saturation by 10% instead.

■ 99.8950, 5.9678,
-0.7849

■ 99.8950, 5.9678,
-0.7849

255.0000, 0.0000,
0.0000

■ 75.8950, 5.9678,
-0.7849

■ 151.0090, 6.4046,
-0.8849

■ 53.3680, 5.2416,
-1.1997

■ 177.1230, 6.8414,
-0.9849

■ 32.2540, 4.8048,
-1.0998

■ 205.1230, 6.8414,
-0.9849

■ 8.4220, 6.6940,
-0.3701

■ 233.1230, 6.8414,
-0.9849

■ 0.0000, 0.0000,
0.0000

■ 99.8950, 5.9678,

■ 99.8950, 5.9678,

-0.7849

-0.7849

■ 90.4480, 10.6251,
-1.2699

■ 109.3420, 1.3104,
-0.2999

■ 80.7020, 15.4299,
-2.3697

■ 119.0880, -3.4944,
0.7998

■ 70.6680, 20.3767,
-2.3398

■ 129.1220, -8.4411,
0.7700

■ 60.9220, 25.1815,
-3.4396

■ 138.8680,
-13.2459, 1.8698

■ 51.4750, 29.8388,
-3.9246

■ 148.3150,
-17.9033, 2.3547

■ 42.0280, 34.4962,
-4.4096

■ 157.7620,
-22.5607, 2.8397

■ 32.2820, 39.3010,
-5.5093

■ 167.5080,
-27.3654, 3.9395

■ 22.2480, 44.2477,
-5.4795

■ 177.5420,
-32.3122, 3.9097

■ 15.1600, 47.7421,
-6.2793

■ 187.2880,
-37.1170, 5.0094

Harmonies

Analogous

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



98.4920, 7.1524, -7.4475



99.8950, 5.9678, -0.7849



100.6570, 3.6201, 5.5628

Triad

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



99.8950, 5.9678, -0.7849



99.8720, -5.8529, 10.6363



96.7490, 0.6167, -11.1809

Complementary

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



99.8950, 5.9678, -0.7849



110.1050, -5.9678, 0.7849

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.



97.4570, -3.1833, -5.6628



99.8950, 5.9678, -0.7849



99.0240, -6.4208, 6.1180

Square

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



99.8950, 5.9678, -0.7849



100.5670, -3.2375, 11.7807



98.8060, -5.8204, 0.1701



96.9490, 3.9691, -13.1103

Rectangle

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



99.8950, 5.9678, -0.7849



100.6960, 1.1359, 9.0366



98.8060, -5.8204, 0.1701



97.0050, -0.9885, -9.6514

Sweetspot

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



99.8950, 5.9678, -0.7849



140.5700, 2.1840, -0.4999



107.2270, 2.3531, -8.0921



70.7550, 1.5998, 0.2149



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



99.8950, 5.9678, -0.7849



126.6930, 9.0254, -1.4848



101.9880, 4.9359, 3.5185



50.9830, 2.4734, 0.0149



16.3710, 51.0891, -6.4644



33.5400, 105.2358, -13.6286

Inverse Universe

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



103.6680, 3.6147, 7.3072



132.5590, 5.6404, 10.9108



108.0120, -4.9359, -3.5185



52.4780, 1.7363, 3.0888



48.5340, 30.7957, 62.6757



100.0730, 64.0540, 128.8550

Previews

White Background



This preview shows how the YUV color 99.8950, 5.9678, -0.7849 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 99.8950, 5.9678, -0.7849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

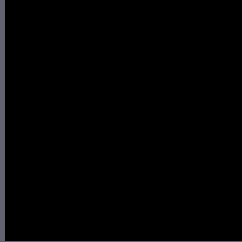
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8950, 5.9678, -0.7849

Background



This preview shows how black text looks on a background with the YUV color 99.8950, 5.9678, -0.7849.



This preview shows how white text looks on a background with the YUV color 99.8950, 5.9678, -0.7849.

-0.7849.

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

99.8950, 5.9678, -0.7849

Protanopia

99.8840, 5.9732, -2.5293

Deuteranopia

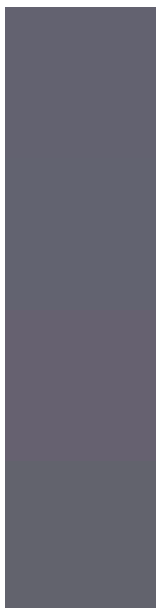
100.5040, 5.6675, 2.1890



Tritanopia

99.6130, 3.6418, -1.4146

Trichromacy



Original Color

99.8950, 5.9678, -0.7849

Protanomaly

100.1830, 5.8258, -1.9145

Deuteranomaly

100.2050, 5.8149, 1.5742

Tritanomaly

99.8410, 4.5154, -1.6146

Monochromacy



Original Color

99.8950, 5.9678, -0.7849

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8950, 5.9678, -0.7849 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(99, 98, 112)` looks like.

```
.text, #text, p{  
    color:rgb(99, 98, 112)  
}
```

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(99, 98, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 98, 112) }
```

Border

The CSS property to change the border of an element to YUV 99.8950, 5.9678, -0.7849 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(99, 98, 112) }
```


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

```
.border{ border-color:rgb(99, 98, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 98, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 98, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 98, 112);  
box-shadow:4px 4px 4px 4px rgb(99, 98,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 99.8950, 5.9678, -0.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 98, 112) }
```

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

```
.background{ background-color: rgb(99, 98,  
112) }
```

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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