

Converting Colors

YUV(93.9850, -7.3876, -10.5108)

Have a look what the booklet for
YUV(93.9850, -7.3876, -10.5108)
contains.

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Color

**YUV(93.9850, -7.3876,
-10.5108)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 52674F |
| RGB | 82, 103, 79 |
| RGB Percent | 32%, 40%, 31% |
| CMY | 0.6784, 0.5961, 0.6902 |
| CMYK | 0.20, 0.00, 0.23, 0.60 |
| HSL | 112°, 13%, 36% |
| HSV | 112°, 23%, 40% |
| XYZ | 9.7412, 12.0588, 9.2113 |
| YIQ | 93.9850, -4.8120, -11.9160 |

Conversions

Conversions Part 2

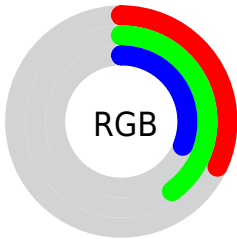
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 79, 103, 100 |
| Decimal | 5400399 |
| CIE _{Lab} | 41.31, -13.04, 11.01 |
| CIE _{LCh} | 41, 17.064, 139.810 |
| Yxy | 12.0588, 0.3141, 0.3889 |
| Android (android.graphics.Color) | 4283590479 (0xFF52674F) |
| YUV | 93.9850, -7.3876, -10.5108 |
| Hunter-Lab | 34.7259, -10.6979, 8.5809 |

Details

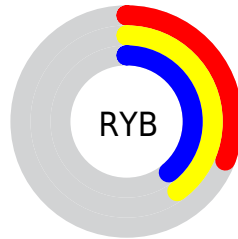
The YUV color **93.9850, -7.3876, -10.5108** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.0150, 7.3876, 10.5108**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4580, -8.1138, -10.9257**, and **47.8110, -6.8088, -9.4812** is the 20% darker color. If you saturate the color by 10%, you get **90.1540, -10.4289, -15.0441**, and if you desaturate by 10%, it is **97.8160, -4.3463, -5.9776**.

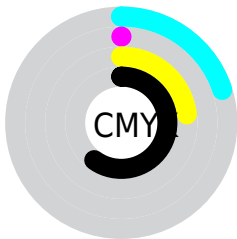
Distribution



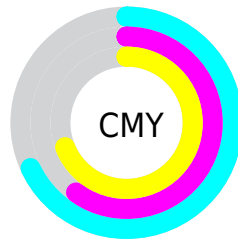
- Red (32%)
- Green (40%)
- Blue (31%)



- Red (31%)
- Yellow (40%)
- Blue (39%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (60%)



- Cyan (68%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9850, -7.3876, -10.5108 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 93.9850, -7.3876, -10.5108 by changing the saturation by 10% instead.

93.9850, -7.3876,
-10.5108

93.9850, -7.3876,
-10.5108

255.0000, 0.0000,
0.0000

70.3980, -7.0982,
-9.9960

144.4580, -8.1138,
-10.9257

47.8110, -6.8088,
-9.4812

171.0450, -8.4032,
-11.4405

26.2240, -6.5194,
-8.9664

198.6320, -8.6926,
-11.9553

5.2830, -2.6045,
-4.6332

226.6320, -8.6926,
-11.9553

0.0000, 0.0000,
0.0000

248.7620, -5.7987,
-6.8073

■ 93.9850, -7.3876,
-10.5108

■ 93.9850, -7.3876,
-10.5108

■ 90.1540, -10.4289,
-15.0441

■ 97.8160, -4.3463,
-5.9776

■ 86.2090, -13.9070,
-19.4773

■ 101.7610, -0.8682,
-1.5444

■ 82.3780, -16.9484,
-24.0105

■ 105.5920, 2.1731,
2.9888

■ 78.5470, -19.9897,
-28.5437

■ 109.4230, 5.2145,
7.5220

■ 74.7160, -23.0310,
-33.0769

■ 113.3680, 8.6926,
11.9553

■ 70.7710, -26.5091,
-37.5102

■ 117.1990, 11.7339,
16.4885

■ 66.9400, -29.5504,
-42.0434

■ 121.0300, 14.7752,
21.0217

■ 64.3480, -31.7236,

■ 124.8610, 17.8165,

-45.0322

25.5549

■ 128.8060, 21.2946,
29.9881

Harmonies

Analogous

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



95.5090, -12.0829, 2.1846



93.9850, -7.3876, -10.5108



92.1560, -0.0769, -22.0618

Triad

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



93.9850, -7.3876, -10.5108



95.0760, 14.7525, -18.4837



99.4760, -5.1647, 23.2615

Complementary

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



93.9850, -7.3876, -10.5108



88.0150, 7.3876, 10.5108

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.



99.8760, 1.5401, 19.4027



93.9850, -7.3876, -10.5108



98.2950, 12.6726, -4.6437

Square

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



93.9850, -7.3876, -10.5108



92.1410, 12.7485, -29.0647



99.8300, 7.9718, 9.7961



98.0860, -10.3954, 20.9726

Rectangle

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



93.9850, -7.3876, -10.5108



90.9040, 5.4703, -27.9798



99.8300, 7.9718, 9.7961



99.3450, -3.1281, 23.3764

Sweetspot

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



93.9850, -7.3876, -10.5108



131.5820, -2.7519, -4.0184



98.5030, -9.6150, 3.9439



66.8210, -1.8838, -2.4740



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.9850, -7.3876, -10.5108



120.8010, -11.7339, -16.4885



94.1140, -3.0142, -13.2550



49.2340, -1.5944, -1.9592



71.6910, -35.3437, -50.5950



151.0240, -74.4548, -106.1380

Inverse Universe

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



88.0150, 7.3876, 10.5108



111.1990, 11.7339, 16.4885



87.8860, 3.0142, 13.2550



47.7660, 1.5944, 1.9592



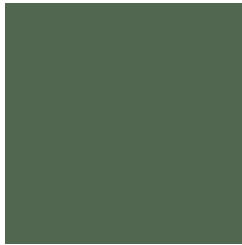
43.0100, 35.4911, 49.9802



90.9760, 74.4548, 106.1380

Previews

White Background



This preview shows how the YUV color 93.9850, -7.3876, -10.5108 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 93.9850, -7.3876, -10.5108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

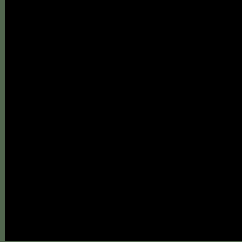
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9850, -7.3876, -10.5108

Background



This preview shows how black text looks on a background with the YUV color 93.9850, -7.3876, -10.5108.



This preview shows how white text looks on a background with the YUV color 93.9850, -7.3876, -10.5108.

-10.5108.

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

93.9850, -7.3876, -10.5108

Protanopia

96.6990, -10.2046, 6.4030

Deuteranopia

97.3130, -8.0423, 12.8805



Tritanopia

96.3240, 5.2633, -8.1771

Trichromacy



Original Color

93.9850, -7.3876, -10.5108

Protanomaly

95.5950, -9.1673, 0.3552

Deuteranomaly

96.2580, -8.0152, 4.1587

Tritanomaly

95.1730, 0.9007, -8.9217

Monochromacy



Original Color

93.9850, -7.3876, -10.5108

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9850, -7.3876, -10.5108 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(82, 103, 79)` looks like.

```
.text, #text, p{  
    color:rgb(82, 103, 79)  
}
```

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(82, 103, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 103, 79) }
```

Border

The CSS property to change the border of an element to YUV 93.9850, -7.3876, -10.5108 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(82, 103, 79) }
```


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

```
.border{ border-color:rgb(82, 103, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 103, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 103, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 103, 79);  
box-shadow:4px 4px 4px 4px rgb(82, 103,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 93.9850, -7.3876, -10.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 103, 79) }
```

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

```
.background{ background-color: rgb(82, 103,  
79) }
```

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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