

Converting Colors

YUV(103.8350, 6.9833, 0.1447)

Have a look what the booklet for
YUV(103.8350, 6.9833, 0.1447)
contains.

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Color

**YUV(103.8350, 6.9833,
0.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	686576
RGB	104, 101, 118
RGB Percent	41%, 40%, 46%
CMY	0.5922, 0.6039, 0.5373
CMYK	0.12, 0.14, 0.00, 0.54
HSL	251°, 8%, 43%
HSV	251°, 14%, 46%
XYZ	13.6326, 13.5584, 19.0381
YIQ	103.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

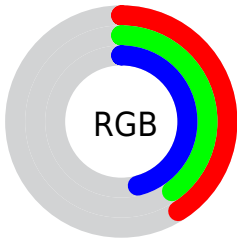
Format	Color
R_{YB}	104, 101, 118
Decimal	6841718
CIE Lab	43.59, 4.86, -9.09
CIE LCh	44, 10.309, 298.141
Yxy	13.5584, 0.2949, 0.2933
Android (android.graphics.Color)	4285031798 (0xFF686576)
YUV	103.8350, 6.9833, 0.1447
Hunter-Lab	36.8218, 1.6484, -4.8796

Details

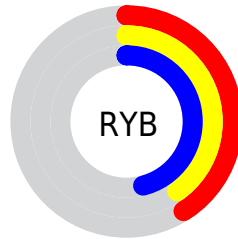
The YUV color **103.8350, 6.9833, 0.1447** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.1650, -6.9833, -0.1447**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9490, 7.4201, 0.0447**, and **56.7210, 6.5465, 0.2447** is the 20% darker color. If you saturate the color by 10%, you get **93.8010, 11.9301, 0.1745**, and if you desaturate by 10%, it is **113.8690, 2.0366, 0.1149**.

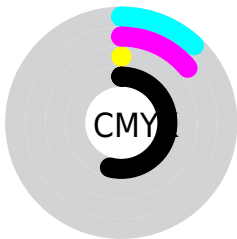
Distribution



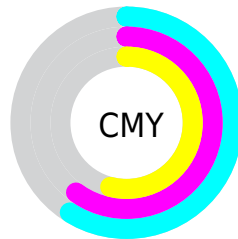
- Red (41%)
- Green (40%)
- Blue (46%)



- Red (41%)
- Yellow (40%)
- Blue (46%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8350, 6.9833, 0.1447 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 103.8350, 6.9833, 0.1447 by changing the saturation by 10% instead.

■ 103.8350, 6.9833,
0.1447

■ 103.8350, 6.9833,
0.1447

■ 255.0000, 0.0000,
0.0000

■ 79.7210, 6.5465,
0.2447

■ 154.9490, 7.4201,
0.0447

■ 56.7210, 6.5465,
0.2447

■ 181.9490, 7.4201,
0.0447

■ 35.1940, 5.8204,
-0.1701

■ 209.3620, 7.7095,
0.5595

■ 13.4330, 6.6885,
1.3743

■ 237.4760, 8.1463,
0.4595

■ 0.0000, 0.0000,
0.0000

■ 103.8350, 6.9833,

■ 103.8350, 6.9833,

0.1447

0.1447

■ 93.8010, 11.9301,
0.1745

■ 113.8690, 2.0366,
0.1149

■ 84.0660, 16.7295,
0.8191

■ 123.6040, -2.7628,
-0.5297

■ 74.6190, 21.3868,
0.3341

■ 133.0510, -7.4201,
-0.0447

■ 64.5850, 26.3336,
0.3640

■ 143.0850,
-12.3669, -0.0745

■ 54.5510, 31.2804,
0.3938

■ 153.1190,
-17.3137, -0.1044

■ 44.8160, 36.0797,
1.0384

■ 162.8540,
-22.1130, -0.7490

■ 34.7820, 41.0265,
1.0682

■ 172.8880,
-27.0598, -0.7788

■ 25.3350, 45.6838,
0.5832

■ 182.3350,
-31.7172, -0.2938

■ 19.7310, 48.4466,
1.1129

■ 192.0700,
-36.5165, -0.9384

Harmonies

Analogous

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



102.5350, 8.6102, -8.3622



103.8350, 6.9833, 0.1447



104.3800, 3.7567, 8.4367

Triad

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



103.8350, 6.9833, 0.1447



103.5410, -7.1687, 12.6805



100.1400, 0.9170, -14.1548

Complementary

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



103.8350, 6.9833, 0.1447



115.1650, -6.9833, -0.1447

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.



100.7340, -3.3199, -8.5367



103.8350, 6.9833, 0.1447



102.5680, -8.1680, 6.5179

Square

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



103.8350, 6.9833, 0.1447



104.5350, -4.7008, 14.4398



101.8660, -6.8359, -0.7595



100.2690, 5.2904, -16.8989

Rectangle

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



103.8350, 6.9833, 0.1447



104.4190, 1.2724, 11.9105



101.8660, -6.8359, -0.7595



100.3960, -0.6882, -12.6253

Sweetspot

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



103.8350, 6.9833, 0.1447



147.9830, 2.4734, 0.0149



111.1560, 3.3741, -8.9068



73.4560, 1.7472, -0.3999



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



103.8350, 6.9833, 0.1447



131.4590, 10.6197, 0.4745



106.2270, 5.8041, 5.0629



53.9830, 2.4734, 0.0149



20.4860, 50.0464, 1.3278



41.6560, 102.7136, 2.0557

Inverse Universe

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



107.6790, 3.6093, 9.0515



137.1680, 5.3402, 13.8847



112.7730, -5.8041, -5.0629



55.3640, 1.2995, 3.1888



47.9920, 26.1329, 64.9050



98.2340, 53.1286, 133.0988

Previews

White Background



This preview shows how the YUV color 103.8350, 6.9833, 0.1447 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 103.8350, 6.9833, 0.1447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

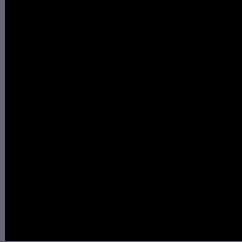
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.8350, 6.9833, 0.1447

Background



This preview shows how black text looks on a background with the YUV color 103.8350, 6.9833, 0.1447.



This preview shows how white text looks on a background with the YUV color 103.8350, 6.9833,

0.1447.

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

103.8350, 6.9833, 0.1447

Protanopia

103.3400, 7.7204, -2.9292

Deuteranopia

103.8460, 6.9779, 1.8891



Tritanopia

103.2110, 3.3470, -0.1850

Trichromacy



Original Color

103.8350, 6.9833, 0.1447

Protanomaly

103.6390, 7.5730, -2.3144

Deuteranomaly

103.5470, 7.1253, 1.2743

Tritanomaly

103.5530, 4.6574, -0.4850

Monochromacy



Original Color

103.8350, 6.9833, 0.1447

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8350, 6.9833, 0.1447 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(104, 101, 118)` looks like.

```
.text, #text, p{  
    color:rgb(104, 101, 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(104, 101, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 101, 118) }
```

Border

The CSS property to change the border of an element to YUV 103.8350, 6.9833, 0.1447 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(104, 101, 118) }
```


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

```
.border{ border-color:rgb(104, 101, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 101, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 101, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 101, 118);  
box-shadow:4px 4px 4px 4px rgb(104, 101,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 103.8350, 6.9833, 0.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 101, 118) }
```

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

```
.background{ background-color: rgb(104,  
101, 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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