

Converting Colors

YUV(102.8350, 10.4343,
13.2997)

Have a look what the booklet for
YUV(102.8350, 10.4343, 13.2997)
contains.

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Color

**YUV(102.8350, 10.4343,
13.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	765B7C
RGB	118, 91, 124
RGB Percent	46%, 36%, 49%
CMY	0.5373, 0.6431, 0.5137
CMYK	0.05, 0.27, 0.00, 0.51
HSL	289°, 15%, 42%
HSV	289°, 27%, 49%
XYZ	14.8504, 12.7890, 20.7546
YIQ	102.8350, 5.4990, 15.9870

Conversions

Conversions Part 2

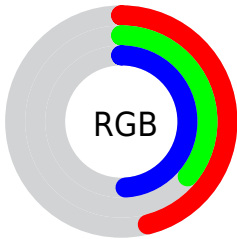
Format	Color
R _Y B	118, 91, 124
Decimal	7756668
CIE Lab	42.44, 17.39, -14.34
CIE LCh	42, 22.537, 320.494
Yxy	12.7890, 0.3069, 0.2643
Android (android.graphics.Color)	4285946748 (0xFF765B7C)
YUV	102.8350, 10.4343, 13.2997
Hunter-Lab	35.7617, 11.5410, -9.3763

Details

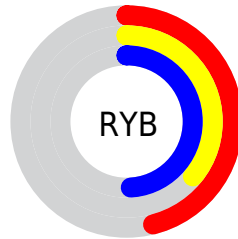
The YUV color **102.8350, 10.4343, 13.2997** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.1650, -10.4343, -13.2997**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0740, 11.3025, 14.8441**, and **55.5960, 9.5662, 11.7553** is the 20% darker color. If you saturate the color by 10%, you get **95.1930, 14.2019, 18.2477**, and if you desaturate by 10%, it is **110.4770, 6.6668, 8.3517**.

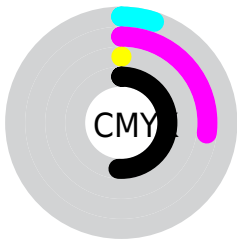
Distribution



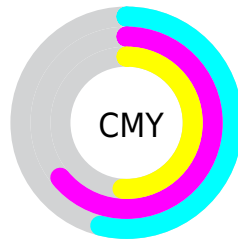
- Red (46%)
- Green (36%)
- Blue (49%)



- Red (46%)
- Yellow (36%)
- Blue (49%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8350, 10.4343, 13.2997 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 102.8350, 10.4343, 13.2997 by changing the saturation by 10% instead.

■ 102.8350, 10.4343,
13.2997

■ 102.8350, 10.4343,
13.2997

■ 255.0000, 0.0000,
0.0000

■ 78.4220, 10.1450,
12.7849

■ 154.0740, 11.3025,
14.8441

■ 55.5960, 9.5662,
11.7553

■ 181.0740, 11.3025,
14.8441

■ 33.7700, 8.9874,
10.7257

■ 208.4870, 11.5919,
15.3589

■ 11.6070, 9.5607,
13.4997

■ 236.2160, 9.2605,
16.4736

■ 0.3420, 1.3104,
-0.2999

■ 253.2390, 0.8682,
1.5444

■ 0.0000, 0.0000,
0.0000

■ 102.8350, 10.4343,
13.2997

■ 102.8350, 10.4343,
13.2997

■ 95.1930, 14.2019,
18.2477

■ 110.4770, 6.6668,
8.3517

■ 86.6650, 18.4062,
23.0958

■ 119.0050, 2.4625,
3.5036

■ 79.0230, 22.1737,
28.0438

■ 126.6470, -1.3050,
-1.4444

■ 70.7940, 26.2306,
33.5067

■ 134.8760, -5.3619,
-6.9073

■ 63.1520, 29.9981,
38.4547

■ 142.5180, -9.1294,
-11.8553

■ 55.2110, 33.9130,
42.7880

■ 150.4590,
-13.0443, -16.1885

■ 46.9820, 37.9699,
48.2508


■ 158.6880,
-17.1012, -21.6514

■ 44.3350, 39.2748,

■ 166.3300,

49.6952

-20.8687, -26.5994

 174.5590,
-24.9256, -32.0622

Harmonies

Analogous

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



101.0220, 16.7512, -6.1583



102.8350, 10.4343, 13.2997



103.0340, 1.9552, 26.2802

Triad

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



102.8350, 10.4343, 13.2997



99.5170, -17.5099, 16.2096



88.8140, 11.9237, -44.5639

Complementary

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



102.8350, 10.4343, 13.2997



112.1650, -10.4343, -13.2997

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.



91.9160, 0.5344, -31.4983



102.8350, 10.4343, 13.2997



97.7710, -16.1561, 1.9548

Square

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



102.8350, 10.4343, 13.2997



101.0930, -14.3428, 27.1054



95.6810, -9.7027, -14.6292



90.2470, 18.6122, -43.1896

Rectangle

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



102.8350, 10.4343, 13.2997



102.1610, -4.0234, 30.5538



95.6810, -9.7027, -14.6292



89.5110, 8.1291, -40.7901

Sweetspot

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



102.8350, 10.4343, 13.2997



152.4720, 4.2043, 4.8481



98.2840, 12.6780, -6.3881



76.1190, 2.8993, 3.4036



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



102.8350, 10.4343, 13.2997



127.4860, 16.5224, 20.6218



103.4890, 5.1819, 17.9881



57.1790, 1.8838, 2.4740



44.7480, 39.5642, 50.2100



90.6210, 79.5598, 102.0644

Inverse Universe

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



101.5510, -2.2436, 19.6878



125.6880, -3.2972, 30.9686



111.5110, -5.1819, -17.9881



56.9080, -0.4476, 3.5887



39.9970, -8.3795, 74.5476



80.5920, -17.0539, 150.3248

Previews

White Background



This preview shows how the YUV color 102.8350, 10.4343, 13.2997 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 102.8350, 10.4343, 13.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

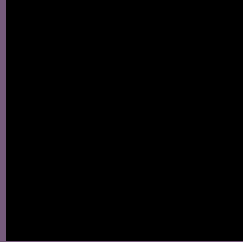
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.8350, 10.4343, 13.2997

Background



This preview shows how black text looks on a background with the YUV color 102.8350, 10.4343, 13.2997.



This preview shows how white text looks on a background with the YUV color 102.8350, 10.4343, 13.2997.

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

102.8350, 10.4343, 13.2997

Protanopia

100.4410, 14.5726, -7.4028

Deuteranopia

101.1490, 10.7725, -1.8847



Tritanopia

101.7780, 0.1094, 11.5957

Trichromacy



Original Color

102.8350, 10.4343, 13.2997

Protanomaly

101.1430, 13.2405, -0.1254

Deuteranomaly

101.4810, 10.6089, 3.9632

Tritanomaly

102.4020, 3.7458, 11.9254

Monochromacy



Original Color

102.8350, 10.4343, 13.2997

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0590, 3.9149, 4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8350, 10.4343, 13.2997 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(118, 91, 124)` looks like.

```
.text, #text, p{  
    color:rgb(118, 91, 124)  
}
```

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(118, 91, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 91, 124) }
```

Border

The CSS property to change the border of an element to YUV 102.8350, 10.4343, 13.2997 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(118, 91, 124) }
```


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

```
.border{ border-color:rgb(118, 91, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 91, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 91, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 91, 124); box-shadow:4px 4px 4px 4px rgb(118, 91, 124) }
```

Background

The CSS property to change the background color of an element to YUV 102.8350, 10.4343, 13.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 91, 124) }
```

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

```
.background{ background-color: rgb(118, 91,  
124) }
```

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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