

Converting Colors

YUV(103.7560, 16.8823,
-1.5400)

Have a look what the booklet for
YUV(103.7560, 16.8823, -1.5400)
contains.

YUV(103.7560, 16.8823, -1.5400)	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(103.7560, 16.8823,
-1.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	66628A
RGB	102, 98, 138
RGB Percent	40%, 38%, 54%
CMY	0.6000, 0.6157, 0.4588
CMYK	0.26, 0.29, 0.00, 0.46
HSL	246°, 17%, 46%
HSV	246°, 29%, 54%
XYZ	14.4346, 13.3951, 25.8695
YIQ	103.7560, -10.4560, 13.2880

Conversions

Conversions Part 2

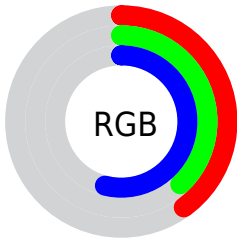
Format	Color
R_{YB}	102, 98, 138
Decimal	6709898
CIE _{Lab}	43.35, 10.93, -21.54
CIE _{LCh}	43, 24.155, 296.910
Yxy	13.3951, 0.2688, 0.2494
Android (android.graphics.Color)	4284899978 (0xFF66628A)
YUV	103.7560, 16.8823, -1.5400
Hunter-Lab	36.5993, 6.3507, -16.2884

Details

The YUV color **103.7560, 16.8823, -1.5400** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.2440, -16.8823, 1.5400**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3970, 18.0453, -1.2252**, and **56.7020, 15.4299, -2.3697** is the 20% darker color. If you saturate the color by 10%, you get **91.9500, 22.7026, -1.7102**, and if you desaturate by 10%, it is **115.5620, 11.0619, -1.3699**.

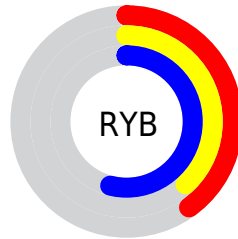
Distribution



Red (40%)

Green (38%)

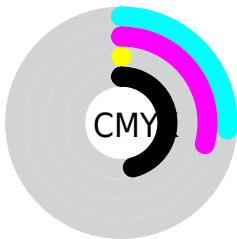
Blue (54%)



Red (40%)

Yellow (38%)

Blue (54%)

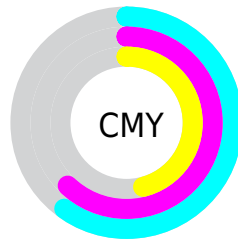


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7560, 16.8823, -1.5400 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 103.7560, 16.8823, -1.5400 by changing the saturation by 10% instead.

■ 103.7560, 16.8823,
-1.5400

■ 103.7560, 16.8823,
-1.5400

■ 255.0000, 0.0000,
0.0000

■ 79.2290, 16.1561,
-1.9548

■ 155.3970, 18.0453,
-1.2252

■ 56.7020, 15.4299,
-2.3697

■ 181.8100, 18.3347,
-0.7104

■ 34.7620, 14.4143,
-3.2993

■ 209.9240, 18.7715,
-0.8103

■ 11.3000, 15.1351,
-1.1401

■ 235.5300, 9.5987,
1.2892

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 103.7560, 16.8823,
-1.5400

■ 103.7560, 16.8823,
-1.5400

■ 91.9500, 22.7026,
-1.7102

■ 115.5620, 11.0619,
-1.3699

■ 79.8450, 28.6704,
-2.4951

■ 127.6670, 5.0942,
-0.5850

■ 68.6260, 34.2014,
-3.1800

■ 138.8860, -0.4368,
0.1000

■ 56.5210, 40.1691,
-3.9649

■ 150.9910, -6.4046,
0.8849

■ 44.7150, 45.9895,
-4.1351

■ 162.7970,
-12.2249, 1.0550

■ 32.6100, 51.9573,
-4.9200

■ 174.9020,
-18.1927, 1.8399

■ 20.8040, 57.7776,
-5.0901


■ 186.7080,
-24.0130, 2.0101

■ 19.9180, 58.2144,

■ 197.9270,

-5.1901

-29.5440, 2.6950

 210.0320,
-35.5118, 3.4799

Harmonies

Analogous

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



99.0520, 21.1734, -24.6016



103.7560, 16.8823, -1.5400



105.3410, 9.6919, 18.1179

Triad

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



103.7560, 16.8823, -1.5400



102.9250, -16.2320, 26.3758



92.3820, 3.7557, -38.0460

Complementary

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



103.7560, 16.8823, -1.5400



132.2440, -16.8823, 1.5400

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.



96.4030, -8.0867, -19.6474



103.7560, 16.8823, -1.5400



101.0500, -19.2516, 14.8652

Square

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



103.7560, 16.8823, -1.5400



103.5050, -9.1230, 32.8831



99.3360, -16.4346, -2.0487



88.6820, 15.4398, -52.3411

Rectangle

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



103.7560, 16.8823, -1.5400



105.0880, 3.4076, 27.1098



99.3360, -16.4346, -2.0487



93.9760, -0.4812, -32.4280

Sweetspot

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



103.7560, 16.8823, -1.5400



164.5360, 7.1308, -0.4701



123.6920, 7.0538, -22.5319



80.4390, 4.2206, -0.3850



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



103.7560, 16.8823, -1.5400



124.9760, 26.6338, -2.6100



109.7360, 13.9342, 10.7555



63.0970, 2.9102, -0.0851



19.0490, 56.1778, -5.3050



0.8690, 2.0366, 0.1149

Inverse Universe

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



114.0640, 9.8284, 20.9919



141.2210, 15.1740, 33.1322



126.2640, -13.9342, -10.7555



64.7770, 1.5889, 3.7036



53.3330, 32.3738, 69.8680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 103.7560, 16.8823, -1.5400 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 103.7560, 16.8823, -1.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

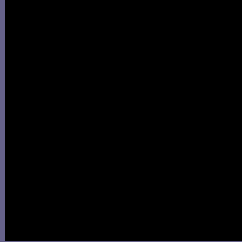
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7560, 16.8823, -1.5400

Background



This preview shows how black text looks on a background with the YUV color 103.7560, 16.8823, -1.5400.



This preview shows how white text looks on a background with the YUV color 103.7560, 16.8823, -1.5400.

-1.5400.

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

103.7560, 16.8823, -1.5400

Protanopia

102.4560, 18.5092, -10.0469

Deuteranopia

102.7120, 16.9040, -8.5174



Tritanopia

102.1180, 4.3788, -4.4885

Trichromacy



Original Color

103.7560, 16.8823, -1.5400

Protanomaly

102.9510, 17.7722, -6.9730

Deuteranomaly

103.0220, 16.7512, -6.1583

Tritanomaly

102.6820, 9.0308, -3.2291

Monochromacy



Original Color

103.7560, 16.8823, -1.5400

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7560, 16.8823, -1.5400 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(102, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(102, 98, 138)  
}
```

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(102, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 98, 138) }
```

Border

The CSS property to change the border of an element to YUV 103.7560, 16.8823, -1.5400 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(102, 98, 138) }
```


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

```
.border{ border-color:rgb(102, 98, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 98, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(102, 98,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 103.7560, 16.8823, -1.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 98, 138) }
```

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

```
.background{ background-color: rgb(102, 98,  
138) }
```

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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