

Converting Colors

YUV(104.2380, -51.3893,
9.4383)

Have a look what the booklet for
YUV(104.2380, -51.3893, 9.4383)
contains.

YUV(104.2380, -51.3893, 9.4383)	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(104.2380, -51.3893,
9.4383)**

Conversions

Conversions Part 1

Format	Color
Hex	737700
RGB	115, 119, 0
RGB Percent	45%, 47%, 0%
CMY	0.5490, 0.5333, 1.0000
CMYK	0.03, 0.00, 1.00, 0.53
HSL	62°, 100%, 23%
HSV	62°, 100%, 47%
XYZ	13.6671, 16.8385, 2.5298
YIQ	104.2380, 35.8150, -37.8570

Conversions

Conversions Part 2

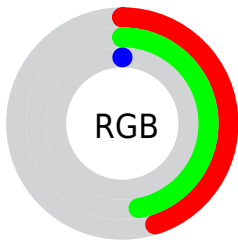
Format	Color
RYB	0, 119, 4
Decimal	7567104
CIELab	48.06, -14.15, 53.37
CIELCh	48, 55.216, 104.854
Yxy	16.8385, 0.4137, 0.5097
Android (android.graphics.Color)	4285757184 (0xFF737700)
YUV	104.2380, -51.3893, 9.4383
Hunter-Lab	41.0347, -12.3594, 25.0690

Details

The YUV color **104.2380, -51.3893, 9.4383** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14.7620, 51.3893, -9.4383**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5030, -46.5900, 10.0829**, and **60.5140, -29.8334, 2.1802** is the 20% darker color. If you saturate the color by 10%, you get **104.2380, -51.3893, 9.4383**, and if you desaturate by 10%, it is **105.6060, -46.1478, 8.2385**.

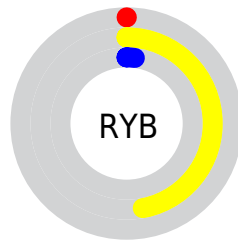
Distribution



Red (45%)

Green (47%)

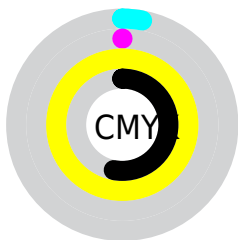
Blue (0%)



Red (0%)

Yellow (47%)

Blue (2%)

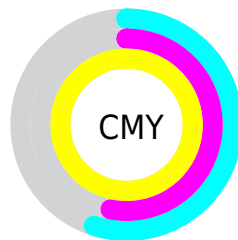


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2380, -51.3893, 9.4383 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 104.2380, -51.3893, 9.4383 by changing the saturation by 10% instead.

■ 104.2380,
-51.3893, 9.4383

■ 104.2380,
-51.3893, 9.4383

■ 255.0000, 0.0000,
0.0000

■ 81.4900, -40.1746,
5.7093

■ 158.5030,
-46.5900, 10.0829

■ 60.5140, -29.8334,
2.1802

■ 185.9870,
-47.3216, 11.4124

■ 39.8260, -19.6342,
-2.4784

■ 214.0580,
-48.3426, 12.2271

■ 18.8280, -9.2822,
-9.4962


■ 242.2320,
-48.9214, 11.1975


■ 0.0000, 0.0000,
0.0000

■ 245.4240,
-36.6910, 8.3982


■ 248.6160,


-24.4607, 5.5988


 251.8080,
-12.2303, 2.7994


 104.2380,
-51.3893, 9.4383

 105.6060,
-46.1478, 8.2385

 107.2730,
-41.0536, 7.6536

 108.6410,
-35.8120, 6.4538

 110.3080,
-30.7178, 5.8689

 111.5620,
-25.9131, 4.7691

■ 112.9300,
-20.6715, 3.5694

■ 114.5970,
-15.5773, 2.9844

■ 115.9650,
-10.3357, 1.7847

■ 117.6320, -5.2416,
1.1997

Harmonies

Analogous

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



108.1310, -48.8716, 41.9811



104.2380, -51.3893, 9.4383



98.4510, -27.8303, -33.7215

Triad

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



104.2380, -51.3893, 9.4383



99.0640, 39.4084, -86.8791



113.2510, 13.1873, 63.8009

Complementary

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



104.2380, -51.3893, 9.4383



14.7620, 51.3893, -9.4383

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.



117.4060, 31.3518, 24.1999



104.2380, -51.3893, 9.4383



97.2180, 52.6435, -85.2602

Square

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



104.2380, -51.3893, 9.4383



95.4500, 20.4842, -83.7096



107.0540, 48.2874, -41.2664



109.7200, -8.2430, 77.4216

Rectangle

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



104.2380, -51.3893, 9.4383



86.2790, -7.0395, -75.6667



107.0540, 48.2874, -41.2664



115.4930, 19.4770, 53.0646

Sweetspot

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



104.2380, -51.3893, 9.4383



150.0440, -20.2347, 3.4694



37.9290, -18.6990, 71.0993



75.5090, -12.0829, 2.1846



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



104.2380, -51.3893, 9.4383



136.4220, -67.2560, 11.9079



86.5970, -42.6923, -26.8336



58.0170, -2.4734, -0.0149



106.8960, -52.6997, 9.7382



219.1080, -108.0202, 20.0763

Inverse Universe

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



14.7620, 51.3893, -9.4383



19.2790, 67.4035, -12.5227



32.4030, 42.6923, 26.8336



53.6840, 2.6208, -0.5999



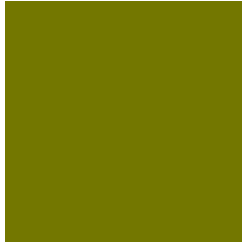
15.1040, 52.6997, -9.7382



30.8920, 108.0202, -20.0763

Previews

White Background



This preview shows how the YUV color 104.2380, -51.3893, 9.4383 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 104.2380, -51.3893, 9.4383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

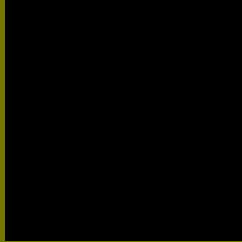
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.2380, -51.3893, 9.4383

Background



This preview shows how black text looks on a background with the YUV color 104.2380, -51.3893, 9.4383.



This preview shows how white text looks on a background with the YUV color 104.2380, -51.3893, 9.4383.

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

104.2380, -51.3893, 9.4383

Protanopia

105.4890, -52.0061, 20.6191

Deuteranopia

108.6180, -44.1817, 31.0300



Tritanopia

115.5000, 1.7255, 6.5775

Trichromacy



Original Color

104.2380, -51.3893, 9.4383

Protanomaly

105.1680, -51.8478, 16.5157

Deuteranomaly

106.8790, -46.7753, 22.9081

Tritanomaly

111.4620, -17.4828, 7.4878

Monochromacy



Original Color

104.2380, -51.3893, 9.4383

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7990, -18.6349, 3.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2380, -51.3893, 9.4383 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(115, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 119, 0)  
}
```

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(115, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 119, 0) }
```

Border

The CSS property to change the border of an element to YUV 104.2380, -51.3893, 9.4383 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(115, 119, 0) }
```


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

```
.border{ border-color:rgb(115, 119, 0) }
```

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

Here you see how a box with a 4 pixel rgb(115, 119, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 119,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 104.2380, -51.3893, 9.4383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 119, 0) }
```

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

```
.background{ background-color: rgb(115,  
119, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor