

Converting Colors

YUV(103.5460, 52.4818,
13.5532)

Have a look what the booklet for
YUV(103.5460, 52.4818, 13.5532)
contains.

YUV(103.5460, 52.4818, 13.5532)	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(103.5460, 52.4818,
13.5532)**

Conversions

Conversions Part 1

Format	Color
Hex	774BD2
RGB	119, 75, 210
RGB Percent	47%, 29%, 82%
CMY	0.5333, 0.7059, 0.1765
CMYK	0.43, 0.64, 0.00, 0.18
HSL	260°, 60%, 56%
HSV	260°, 64%, 82%
XYZ	21.7567, 13.6072, 62.4525
YIQ	103.5460, -17.1110, 51.3130

Conversions

Conversions Part 2

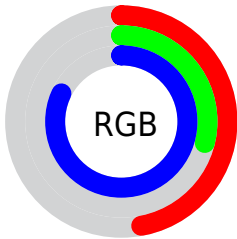
Format	Color
R_{YB}	119, 75, 210
Decimal	7818194
CIE _{Lab}	43.66, 48.69, -63.30
CIE _{LCh}	44, 79.860, 307.563
Yxy	13.6072, 0.2224, 0.1391
Android (android.graphics.Color)	4286008274 (0xFF774BD2)
YUV	103.5460, 52.4818, 13.5532
Hunter-Lab	36.8880, 40.7260, -74.5582

Details

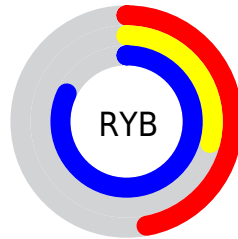
The YUV color **103.5460, 52.4818, 13.5532** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **181.4540, -52.4818, -13.5532**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9550, 48.8292, 18.4565**, and **50.1710, 51.1877, 8.6200** is the 20% darker color. If you saturate the color by 10%, you get **87.0330, 60.6227, 15.7571**, and if you desaturate by 10%, it is **120.0590, 44.3409, 11.3493**.

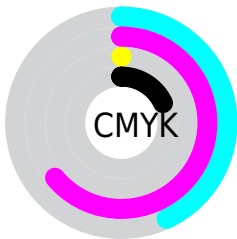
Distribution



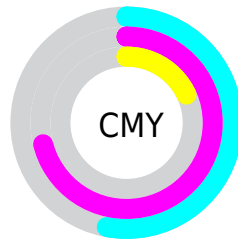
- Red (47%)
- Green (29%)
- Blue (82%)



- Red (47%)
- Yellow (29%)
- Blue (82%)



- Cyan (43%)
- Magenta (64%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (71%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5460, 52.4818, 13.5532 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 103.5460, 52.4818, 13.5532 by changing the saturation by 10% instead.

■ 103.5460, 52.4818,
13.5532

■ 103.5460, 52.4818,
13.5532

255.0000, 0.0000,
0.0000

■ 77.0080, 51.7611,
11.3940

■ 155.9550, 48.8292,
18.4565

■ 50.1710, 51.1877,
8.6200

■ 180.4750, 36.7408,
22.3854

■ 21.1700, 52.6672,
0.7279

■ 205.2940, 24.5051,
26.9292

■ 11.6280, 44.5534,
-10.1978

■ 227.4110, 13.6014,
24.1956

■ 8.7780, 33.6334,
-7.6983

■ 244.4340, 5.2090,
9.2664

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 103.5460, 52.4818,
13.5532

■ 103.5460, 52.4818,
13.5532

■ 87.0330, 60.6227,
15.7571

■ 120.0590, 44.3409,
11.3493

■ 70.5200, 68.7636,
17.9610

■ 136.5720, 36.2000,
9.1454

■ 54.0070, 76.9045,
20.1649

■ 153.0850, 28.0591,
6.9415

■ 44.2720, 81.7039,
20.8095

■ 169.8970, 19.7708,
5.3523

■ 186.4100, 11.6299,
3.1484

■ 202.9230, 3.4890,
0.9445

■ 219.4360, -4.6519,
-1.2594

■ 235.9490,
-12.7929, -3.4633

■ 247.1790,
-18.3292, -1.0340

Harmonies

Analogous

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



89.8270, 72.5563, -78.7783



103.5460, 52.4818, 13.5532



77.7140, 38.1020, 99.3518

Triad

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



103.5460, 52.4818, 13.5532



96.2950, -47.4734, 60.2543



89.8760, 14.3581, -78.8213

Complementary

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



103.5460, 52.4818, 13.5532



181.4540, -52.4818, -13.5532

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.



80.0210, -15.7864, -70.1784



103.5460, 52.4818, 13.5532



95.7100, -47.1850, 14.2863

Square

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



103.5460, 52.4818, 13.5532



81.3310, -28.2642, 105.8267



77.9150, -38.4121, -46.4065



96.5850, 42.6026, -84.7050

Rectangle

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



103.5460, 52.4818, 13.5532



75.8570, 17.8185, 118.5204



77.9150, -38.4121, -46.4065



86.6670, 4.6012, -76.0070

Sweetspot

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



103.5460, 52.4818, 13.5532



216.9570, 18.7552, 4.4227



144.3940, 32.3438, -60.8585



104.4100, 11.6299, 3.1484



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



103.5460, 52.4818, 13.5532



100.4800, 76.1784, 19.7500



123.2800, 42.7530, 54.1284



96.4500, 4.2152, 1.3594



35.5970, 65.2747, 17.0164



8.5610, 15.9924, 3.8930

Inverse Universe

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



125.7390, 19.8487, 73.8969



132.6520, 28.7656, 107.2992



161.7200, -42.7530, -54.1284



98.0870, 1.4361, 6.0627



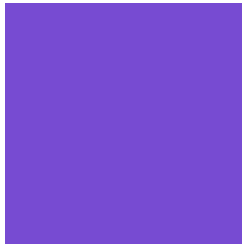
63.1140, 24.5938, 91.9850



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 103.5460, 52.4818, 13.5532 looks on a white background.

Color Contrast Check

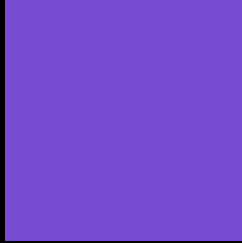
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5460, 52.4818, 13.5532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

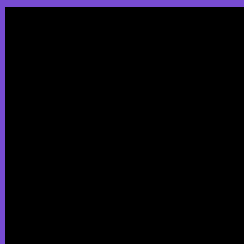
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.5460, 52.4818, 13.5532

Background



This preview shows how black text looks on a background with the YUV color 103.5460, 52.4818, 13.5532.



This preview shows how white text looks on a background with the YUV color 103.5460, 52.4818,

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

103.5460, 52.4818, 13.5532

Protanopia

82.1670, 63.5147, -72.0605

Deuteranopia

83.0840, 49.2586, -72.8647



Tritanopia

102.2210, 4.8210, -6.3328

Trichromacy



Original Color

103.5460, 52.4818, 13.5532



Protanomaly

89.7410, 59.7807, -40.9919



Deuteranomaly

90.6240, 50.4714, -41.7662



Tritanomaly

102.5590, 22.4024, 1.2638

Monochromacy



Original Color

103.5460, 52.4818, 13.5532



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.4840, 19.4814, 4.8375

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5460, 52.4818, 13.5532 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(119, 75, 210)` looks like.

```
.text, #text, p{  
    color:rgb(119, 75, 210)  
}
```

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(119, 75, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 75, 210) }
```

Border

The CSS property to change the border of an element to YUV 103.5460, 52.4818, 13.5532 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(119, 75, 210) }
```


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

```
.border{ border-color:rgb(119, 75, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 75, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 75, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 75, 210);  
box-shadow:4px 4px 4px 4px rgb(119, 75,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 103.5460, 52.4818, 13.5532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 75, 210) }
```

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

```
.background{ background-color: rgb(119, 75,  
210) }
```

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