

Converting Colors

YUV(101.7900, 52.3615, 5.4462)

Have a look what the booklet for
YUV(101.7900, 52.3615, 5.4462)
contains.

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Color

**YUV(101.7900, 52.3615,
5.4462)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4ED0
RGB	108, 78, 208
RGB Percent	42%, 31%, 82%
CMY	0.5765, 0.6941, 0.1843
CMYK	0.48, 0.62, 0.00, 0.18
HSL	254°, 58%, 56%
HSV	254°, 62%, 82%
XYZ	20.2939, 13.1910, 61.1510
YIQ	101.7900, -23.8500, 46.7900

Conversions

Conversions Part 2

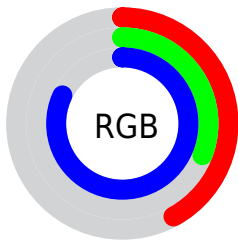
Format	Color
R_{YB}	108, 78, 208
Decimal	7098064
CIE _{Lab}	43.05, 44.32, -63.20
CIE _{LCh}	43, 77.192, 305.041
Yxy	13.1910, 0.2144, 0.1394
Android (android.graphics.Color)	4285288144 (0xFF6C4ED0)
YUV	101.7900, 52.3615, 5.4462
Hunter-Lab	36.3194, 36.1800, -74.4031

Details

The YUV color **101.7900, 52.3615, 5.4462** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **184.2100, -52.3615, -5.4462**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4270, 49.5825, 10.1495**, and **48.6920, 50.9308, -2.3609** is the 20% darker color. If you saturate the color by 10%, you get **84.6790, 60.7973, 6.4205**, and if you desaturate by 10%, it is **118.9010, 43.9258, 4.4718**.

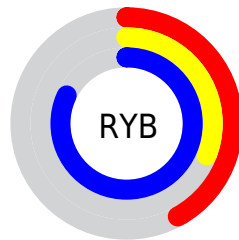
Distribution



Red (42%)

Green (31%)

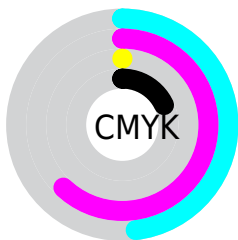
Blue (82%)



Red (42%)

Yellow (31%)

Blue (82%)

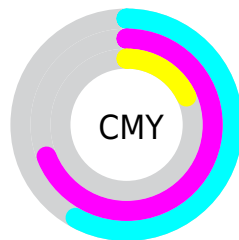


Cyan (48%)

Magenta (62%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (69%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7900, 52.3615, 5.4462 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 101.7900, 52.3615, 5.4462 by changing the saturation by 10% instead.

■ 101.7900, 52.3615,
5.4462

■ 101.7900, 52.3615,
5.4462

255.0000, 0.0000,
0.0000

■ 75.5400, 51.4988,
2.1574

■ 154.4270, 49.5825,
10.1495

■ 48.6920, 50.9308,
-2.3609

■ 178.3600, 37.7835,
14.5933

■ 17.8860, 53.3002,
-15.6860

■ 203.1790, 25.5478,
19.1370

■ 11.4000, 43.6798,
-9.9978

■ 228.5850, 13.0226,
23.1660

■ 8.5500, 32.7599,
-7.4984

■ 245.6080, 4.6303,
8.2368

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 101.7900, 52.3615,
5.4462

■ 101.7900, 52.3615,
5.4462

■ 84.6790, 60.7973,
6.4205

■ 118.9010, 43.9258,
4.4718

■ 67.5680, 69.2330,
7.3949

■ 136.0120, 35.4901,
3.4975

■ 51.0440, 77.3793,
7.8544

■ 152.5360, 27.3438,
3.0379

■ 38.0640, 83.7784,
8.7139

■ 169.6470, 18.9080,
2.0636

■ 186.7580, 10.4723,
1.0892

■ 203.8690, 2.0366,
0.1149

■ 220.9800, -6.3991,
-0.8595

■ 237.5040,
-14.5455, -1.3190

■ 248.7450,
-20.0873, 2.8546

Harmonies

Analogous

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



89.1430, 69.9355, -78.1784



101.7900, 52.3615, 5.4462



86.7030, 34.6564, 84.4525

Triad

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



101.7900, 52.3615, 5.4462



94.2460, -46.4633, 62.9283



87.2030, 11.7319, -76.4770

Complementary

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



101.7900, 52.3615, 5.4462



184.2100, -52.3615, -5.4462

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.



77.5760, -17.5390, -68.0342



101.7900, 52.3615, 5.4462



94.8460, -46.7591, 17.6751

Square

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



101.7900, 52.3615, 5.4462



80.3570, -24.3330, 104.9269



80.9380, -39.9024, -35.0256



94.3850, 39.2502, -82.7756

Rectangle

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



101.7900, 52.3615, 5.4462



74.4050, 20.0133, 114.5318



80.9380, -39.9024, -35.0256



84.6950, 2.1224, -74.2775

Sweetspot

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



101.7900, 52.3615, 5.4462



215.7610, 19.3448, 1.9636



152.6940, 27.2659, -65.5066



103.5130, 12.0721, 1.3041



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.



101.7900, 52.3615, 5.4462



98.9300, 76.9425, 7.9544



120.6270, 43.0749, 44.1771



96.1510, 4.3626, 0.7446



30.8130, 67.6332, 7.1800



7.3650, 16.5821, 1.4339

Inverse Universe

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



128.2700, 24.5169, 69.9232



137.8670, 36.0546, 102.7256



165.3730, -43.0749, -44.1771



98.2010, 1.8729, 5.9627



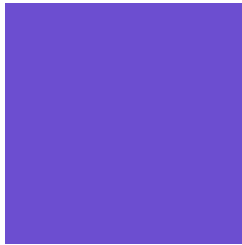
64.9380, 31.5826, 90.3854



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 101.7900, 52.3615, 5.4462 looks on a white background.

Color Contrast Check

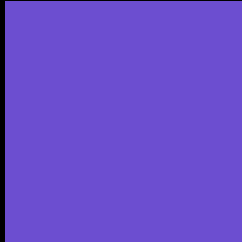
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.7900, 52.3615, 5.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

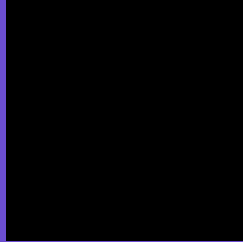
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.7900, 52.3615, 5.4462

Background



This preview shows how black text looks on a background with the YUV color 101.7900, 52.3615, 5.4462.



This preview shows how white text looks on a background with the YUV color 101.7900, 52.3615,

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

101.7900, 52.3615, 5.4462

Protanopia

81.2380, 62.4937, -71.2457

Deuteranopia

81.5680, 48.5270, -71.5351



Tritanopia

99.1490, 7.3215, -15.0397

Trichromacy



Original Color

101.7900, 52.3615, 5.4462

Protanomaly

88.7900, 58.7705, -43.6658

Deuteranomaly

89.0860, 49.7506, -43.9254

Tritanomaly

99.8460, 23.7399, -7.7579

Monochromacy



Original Color

101.7900, 52.3615, 5.4462

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.7610, 19.3448, 1.9636

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7900, 52.3615, 5.4462 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(108, 78, 208)` looks like.

```
.text, #text, p{  
    color:rgb(108, 78, 208)  
}
```

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(108, 78, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 78, 208) }
```

Border

The CSS property to change the border of an element to YUV 101.7900, 52.3615, 5.4462 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(108, 78, 208) }
```


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

```
.border{ border-color:rgb(108, 78, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 78, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 78, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 78, 208);  
box-shadow:4px 4px 4px 4px rgb(108, 78,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 101.7900, 52.3615, 5.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 78, 208) }
```

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

```
.background{ background-color: rgb(108, 78,  
208) }
```

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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