

Converting Colors

YUV(101.5790, 52.4656,
18.7862)

Have a look what the booklet for
YUV(101.5790, 52.4656, 18.7862)
contains.

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Color

**YUV(101.5790, 52.4656,
18.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	7B46D0
RGB	123, 70, 208
RGB Percent	48%, 27%, 82%
CMY	0.5176, 0.7255, 0.1843
CMYK	0.41, 0.66, 0.00, 0.18
HSL	263°, 59%, 55%
HSV	263°, 66%, 82%
XYZ	21.7437, 13.1453, 61.0658
YIQ	101.5790, -12.7100, 54.1540

Conversions

Conversions Part 2

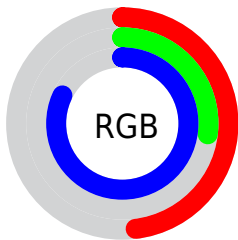
Format	Color
R_{YB}	123, 70, 208
Decimal	8079056
CIE _{Lab}	42.98, 51.57, -63.24
CIE _{LCh}	43, 81.601, 309.194
Yxy	13.1453, 0.2266, 0.1370
Android (android.graphics.Color)	4286269136 (0xFF7B46D0)
YUV	101.5790, 52.4656, 18.7862
Hunter-Lab	36.2565, 43.6009, -74.4809

Details

The YUV color **101.5790, 52.4656, 18.7862** 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 **176.4210, -52.4656, -18.7862**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8030, 49.3971, 22.9748**, and **46.4430, 52.0396, 15.3975** is the 20% darker color. If you saturate the color by 10%, you get **85.3650, 60.4591, 21.6049**, and if you desaturate by 10%, it is **117.7930, 44.4721, 15.9675**.

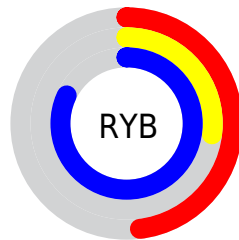
Distribution



Red (48%)

Green (27%)

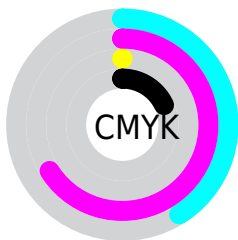
Blue (82%)



Red (48%)

Yellow (27%)

Blue (82%)

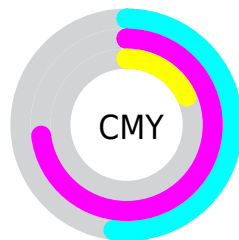


Cyan (41%)

Magenta (66%)

Yellow (0%)

Black (18%)



Cyan (52%)

Magenta (73%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.5790, 52.4656, 18.7862 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 101.5790, 52.4656, 18.7862 by changing the saturation by 10% instead.

101.5790, 52.4656,
18.7862

101.5790, 52.4656,
18.7862

255.0000, 0.0000,
0.0000

75.0410, 51.7448,
16.6270

154.8030, 49.3971,
22.9748

46.4430, 52.0396,
15.3975

178.7360, 37.5982,
27.4185

23.3340, 50.6143,
5.8461

204.1420, 25.0730,
31.4475

11.4000, 43.6798,
-9.9978

225.0630, 14.7589,
26.2547

8.5500, 32.7599,
-7.4984

241.4990, 6.6560,
11.8404

8.1620, 21.1191,
-7.1581

4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 101.5790, 52.4656,
18.7862

■ 101.5790, 52.4656,
18.7862

■ 85.3650, 60.4591,
21.6049

■ 117.7930, 44.4721,
15.9675

■ 69.1510, 68.4526,
24.4236

■ 134.0070, 36.4785,
13.1489

■ 53.8230, 76.0093,
27.3422

■ 149.3350, 28.9218,
10.2302

■ 47.6320, 79.0614,
28.3867

■ 165.5490, 20.9283,
7.4115

■ 181.7630, 12.9348,
4.5928

■ 197.9770, 4.9413,
1.7742

■ 214.1910, -3.0522,
-1.0445

■ 229.5190,
-10.6089, -3.9632

■ 244.5590,
-18.0236, -5.7522

Harmonies

Analogous

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



88.7670, 73.5719, -77.8487



101.5790, 52.4656, 18.7862



74.9210, 37.5069, 103.5553

Triad

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



101.5790, 52.4656, 18.7862



95.0990, -46.8838, 57.7952



88.9300, 15.8105, -77.9916

Complementary

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



101.5790, 52.4656, 18.7862



176.4210, -52.4656, -18.7862

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.



79.5480, -15.0602, -69.7636



101.5790, 52.4656, 18.7862



93.9160, -46.3006, 10.5977

Square

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



101.5790, 52.4656, 18.7862



77.9460, -31.0324, 107.0414



69.8530, -34.4375, -61.2611



96.4540, 44.6392, -84.5902

Rectangle

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



101.5790, 52.4656, 18.7862



75.5860, 15.4871, 119.6351



69.8530, -34.4375, -61.2611



86.3080, 5.7642, -75.6921

Sweetspot

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



101.5790, 52.4656, 18.7862



215.7940, 19.3286, 7.1967



135.6270, 35.6799, -57.5549



104.1220, 11.7719, 4.2780



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.



101.5790, 52.4656, 18.7862



97.5780, 77.6090, 27.5571



122.2100, 42.2945, 61.2058



96.4500, 4.2152, 1.3594



38.5870, 63.8006, 23.1642



9.4580, 15.5502, 5.7373

Inverse Universe

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



120.9520, 16.7857, 76.3411



126.3600, 24.9655, 112.8173



155.7900, -42.2945, -61.2058



98.0870, 1.4361, 6.0627



62.0880, 20.6626, 92.8848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 101.5790, 52.4656, 18.7862 looks on a white background.

Color Contrast Check

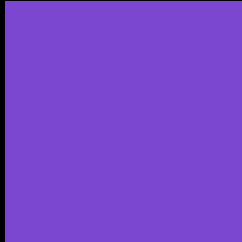
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.5790, 52.4656, 18.7862 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 101.5790, 52.4656, 18.7862

Background



This preview shows how black text looks on a background with the YUV color 101.5790, 52.4656, 18.7862.



This preview shows how white text looks on a background with the YUV color 101.5790, 52.4656, 18.7862.

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

101.5790, 52.4656, 18.7862

Protanopia

81.1240, 62.0569, -71.1457

Deuteranopia

81.5680, 48.5270, -71.5351



Tritanopia

101.6130, 3.6418, -1.4146

Trichromacy



Original Color

101.5790, 52.4656, 18.7862



Protanomaly

88.7090, 58.3175, -38.3328



Deuteranomaly

89.1190, 49.7343, -38.6924



Tritanomaly

101.6520, 21.3706, 5.5672

Monochromacy



Original Color

101.5790, 52.4656, 18.7862



Achromatopsia

102.0000, 0.0000, 0.0000



Achromatomaly

101.7940, 19.3286, 7.1967

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.5790, 52.4656, 18.7862 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(123, 70, 208)` looks like.

```
.text, #text, p{  
    color:rgb(123, 70, 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(123, 70, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 70, 208) }
```

Border

The CSS property to change the border of an element to YUV 101.5790, 52.4656, 18.7862 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(123, 70, 208) }
```


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

```
.border{ border-color:rgb(123, 70, 208) }
```

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

Here you see how a box with a 4 pixel rgb(123, 70, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 70, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 70, 208);  
box-shadow:4px 4px 4px 4px rgb(123, 70,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 101.5790, 52.4656, 18.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 70, 208) }
```

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

```
.background{ background-color: rgb(123, 70,  
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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