

Converting Colors

YUV(75.7770, 45.4659, 23.8746)

Have a look what the booklet for
YUV(75.7770, 45.4659, 23.8746)
contains.

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Color

**YUV(75.7770, 45.4659,
23.8746)**

Conversions

Conversions Part 1

Format	Color
Hex	672CA8
RGB	103, 44, 168
RGB Percent	40%, 17%, 66%
CMY	0.5961, 0.8275, 0.3412
CMYK	0.39, 0.74, 0.00, 0.34
HSL	269°, 58%, 42%
HSV	269°, 74%, 66%
XYZ	13.5621, 7.5121, 37.7810
YIQ	75.7770, -4.6400, 51.0720

Conversions

Conversions Part 2

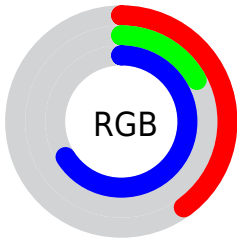
Format	Color
R_{YB}	103, 44, 168
Decimal	6761640
CIE _{Lab}	32.95, 50.30, -56.15
CIE _{LCh}	33, 75.389, 311.856
Yxy	7.5121, 0.2304, 0.1276
Android (android.graphics.Color)	4284951720 (0xFF672CA8)
YUV	75.7770, 45.4659, 23.8746
Hunter-Lab	27.4082, 40.3609, -62.5429

Details

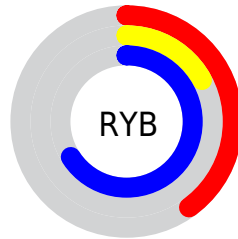
The YUV color **75.7770, 45.4659, 23.8746** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **136.2230, -45.4659, -23.8746**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8420, 46.9129, 26.4486**, and **26.8640, 43.4510, 16.7823** is the 20% darker color. If you saturate the color by 10%, you get **63.1070, 51.7122, 27.0932**, and if you desaturate by 10%, it is **88.4470, 39.2196, 20.6560**.

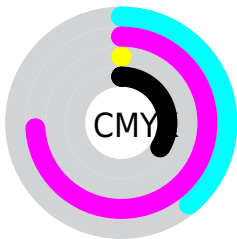
Distribution



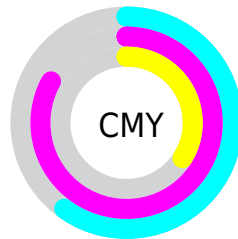
- Red (40%)
- Green (17%)
- Blue (66%)



- Red (40%)
- Yellow (17%)
- Blue (66%)



- Cyan (39%)
- Magenta (74%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (83%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7770, 45.4659, 23.8746 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 75.7770, 45.4659, 23.8746 by changing the saturation by 10% instead.

■ 75.7770, 45.4659,
23.8746

■ 75.7770, 45.4659,
23.8746

■ 255.0000, 0.0000,
0.0000

■ 47.8910, 45.9027,
23.7746

■ 128.8420, 46.9129,
26.4486

■ 26.8640, 43.4510,
16.7823

■ 156.0810, 47.7811,
27.9930

■ 14.1470, 37.3955,
-1.0059

■ 180.8290, 36.5663,
31.7220

■ 7.4100, 28.3919,
-6.4986

■ 205.9360, 24.1886,
35.1361

■ 6.5490, 17.4773,
-5.7435

■ 225.0630, 14.7589,
26.2547

■ 2.8670, 8.4466,
-2.5144

■ 241.4990, 6.6560,

■ 0.0000, 0.0000,

11.8404

0.0000

■ 75.7770, 45.4659,
23.8746

■ 75.7770, 45.4659,
23.8746

■ 63.1070, 51.7122,
27.0932

■ 88.4470, 39.2196,
20.6560

■ 50.4370, 57.9586,
30.3118

■ 101.1170, 32.9733,
17.4374

■ 43.0720, 61.5895,
32.3859

■ 112.9010, 27.1638,
14.1188

■ 125.5710, 20.9175,
10.9002

■ 138.2410, 14.6712,
7.6816

■ 150.9110, 8.4249,
4.4631

■ 163.5810, 2.1786,
1.2445

■ 175.3650, -3.6309,
-2.0741

■ 188.0350, -9.8773,
-5.2927

Harmonies

Analogous

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



68.8310, 63.1873, -60.3648



75.7770, 45.4659, 23.8746



61.3630, 26.9360, 87.3816

Triad

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



75.7770, 45.4659, 23.8746



72.8830, -35.9313, 44.8296



70.2140, 15.1775, -61.5777

Complementary

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



75.7770, 45.4659, 23.8746



136.2230, -45.4659, -23.8746

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.



61.7440, -12.1988, -54.1495



75.7770, 45.4659, 23.8746



70.8470, -34.9276, 2.7652

Square

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



75.7770, 45.4659, 23.8746



49.0140, -24.1639, 97.3347



54.5910, -26.9134, -47.8763



76.5980, 39.6382, -67.1764

Rectangle

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



75.7770, 45.4659, 23.8746



60.8040, 7.9846, 99.2729



54.5910, -26.9134, -47.8763



67.8200, 6.0047, -59.4781

Sweetspot

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



75.7770, 45.4659, 23.8746



183.3490, 17.5759, 9.3409



96.8780, 35.0631, -46.3740



88.4920, 10.6034, 5.7075



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



75.7770, 45.4659, 23.8746



74.0370, 71.4668, 37.6786



94.0160, 36.4741, 61.3760



78.1080, 2.9048, 1.6593



37.8020, 54.3276, 28.2376



5.2700, 7.2619, 4.1482

Inverse Universe

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



88.4860, 10.1134, 69.7338



93.9330, 15.8090, 109.6838



117.9840, -36.4741, -61.3760



78.8480, 0.5679, 4.5183



53.1440, 12.2540, 83.1887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 75.7770, 45.4659, 23.8746 looks on a white background.

Color Contrast Check

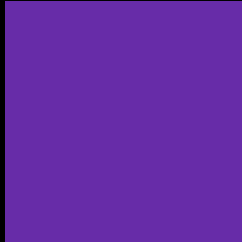
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 75.7770, 45.4659, 23.8746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

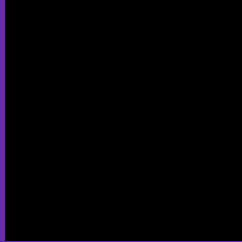
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7770, 45.4659, 23.8746

Background



This preview shows how black text looks on a background with the YUV color 75.7770, 45.4659, 23.8746.



This preview shows how white text looks on a background with the YUV color 75.7770, 45.4659,

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

75.7770, 45.4659, 23.8746

Protanopia

62.1510, 47.7466, -54.5064

Deuteranopia

62.6920, 37.1268, -54.9809



Tritanopia

78.6740, 1.1467, 5.5479

Trichromacy



Original Color

75.7770, 45.4659, 23.8746

Protanomaly

67.0990, 46.7862, -26.3968

Deuteranomaly

67.3780, 40.2396, -26.6415

Tritanomaly

77.9580, 17.2757, 12.3148

Monochromacy



Original Color

75.7770, 45.4659, 23.8746

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7080, 16.4130, 9.0261

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7770, 45.4659, 23.8746 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(103, 44, 168)` looks like.

```
.text, #text, p{  
    color:rgb(103, 44, 168)  
}
```

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(103, 44, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 44, 168) }
```

Border

The CSS property to change the border of an element to YUV 75.7770, 45.4659, 23.8746 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(103, 44, 168) }
```


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

```
.border{ border-color:rgb(103, 44, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 44, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 44, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 44, 168);  
box-shadow:4px 4px 4px 4px rgb(103, 44,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 75.7770, 45.4659, 23.8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 44, 168) }
```

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

```
.background{ background-color: rgb(103, 44,  
168) }
```

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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