

Converting Colors

YUV(91.7570, 39.0668, 23.0151)

Have a look what the booklet for
YUV(91.7570, 39.0668, 23.0151)
contains.

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Color

**YUV(91.7570, 39.0668,
23.0151)**

Conversions

Conversions Part 1

Format	Color
Hex	763FAB
RGB	118, 63, 171
RGB Percent	46%, 25%, 67%
CMY	0.5373, 0.7529, 0.3294
CMYK	0.31, 0.63, 0.00, 0.33
HSL	271°, 46%, 46%
HSV	271°, 63%, 67%
XYZ	16.5994, 10.3468, 39.6503
YIQ	91.7570, -1.8880, 45.2480

Conversions

Conversions Part 2

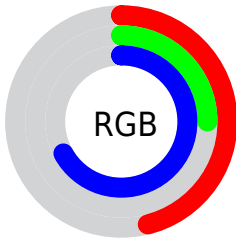
Format	Color
R _Y B	118, 63, 171
Decimal	7749547
CIE Lab	38.46, 44.75, -48.93
CIE LCh	38, 66.307, 312.446
Yxy	10.3468, 0.2493, 0.1554
Android (android.graphics.Color)	4285939627 (0xFF763FAB)
YUV	91.7570, 39.0668, 23.0151
Hunter-Lab	32.1665, 35.8229, -50.5678

Details

The YUV color **91.7570, 39.0668, 23.0151** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **142.2430, -39.0668, -23.0151**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5230, 40.6612, 24.9743**, and **38.4580, 39.2142, 22.4003** is the 20% darker color. If you saturate the color by 10%, you get **79.3860, 45.1657, 26.8485**, and if you desaturate by 10%, it is **104.1280, 32.9679, 19.1817**.

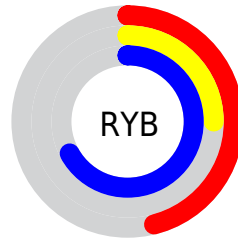
Distribution



Red (46%)

Green (25%)

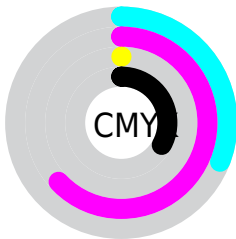
Blue (67%)



Red (46%)

Yellow (25%)

Blue (67%)

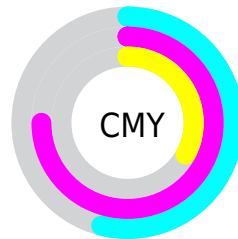


Cyan (31%)

Magenta (63%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (75%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7570, 39.0668, 23.0151 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 91.7570, 39.0668, 23.0151 by changing the saturation by 10% instead.

91.7570, 39.0668,
23.0151

91.7570, 39.0668,
23.0151

255.0000, 0.0000,
0.0000

65.9310, 38.4880,
21.9855

144.5230, 40.6612,
24.9743

38.4580, 39.2142,
22.4003

171.6480, 41.0925,
26.6187

21.3660, 35.3156,
12.8340

196.1680, 29.0042,
30.5477

10.7420, 28.2282,
-0.6507

219.7800, 17.3635,
30.8879

6.8910, 18.7877,
-6.0434

236.2160, 9.2605,
16.4736

3.2090, 9.7570,
-2.8143

253.2390, 0.8682,

0.0000, 0.0000,

1.5444

0.0000

■ 91.7570, 39.0668,
23.0151

■ 91.7570, 39.0668,
23.0151

■ 79.3860, 45.1657,
26.8485

■ 104.1280, 32.9679,
19.1817

■ 66.7160, 51.4120,
30.0671

■ 116.7980, 26.7216,
15.9632

■ 54.3450, 57.5109,
33.9004

■ 129.1690, 20.6227,
12.1298

■ 45.5070, 61.8680,
36.3894

■ 141.8390, 14.3764,
8.9112

■ 154.2100, 8.2775,
5.0778

■ 167.1680, 1.8892,
0.7297

■ 179.8380, -4.3571,
-2.4889

■ 192.2090,
-10.4560, -6.3223

■ 204.8790,
-16.7023, -9.5409

Harmonies

Analogous

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



75.2880, 60.0040, -66.0276



91.7570, 39.0668, 23.0151



76.6950, 23.3214, 80.0745

Triad

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



91.7570, 39.0668, 23.0151



85.2760, -42.0411, 44.4849



79.0990, 16.2202, -69.3698

Complementary

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



91.7570, 39.0668, 23.0151



142.2430, -39.0668, -23.0151

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.



71.5410, -7.6617, -62.7415



91.7570, 39.0668, 23.0151



82.9740, -40.9062, 7.0388

Square

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



91.7570, 39.0668, 23.0151



78.8840, -30.5088, 79.0317



65.8100, -32.4443, -47.1914



84.3260, 38.7863, -73.9539

Rectangle

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



91.7570, 39.0668, 23.0151



64.2650, 12.1944, 102.3766



65.8100, -32.4443, -47.1914



77.0470, 8.3578, -67.5702

Sweetspot

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



91.7570, 39.0668, 23.0151



191.0670, 15.2500, 8.7112



107.0100, 31.5471, -38.5968



93.1500, 9.2930, 6.0074



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



91.7570, 39.0668, 23.0151



97.9800, 61.1419, 35.9745



107.6040, 31.2542, 55.5983



80.2220, 3.3416, 1.5593



40.1230, 54.1694, 32.3411



6.2100, 8.2775, 5.0778

Inverse Universe

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



101.3340, 7.2303, 61.0971



112.9930, 11.3425, 95.5991



126.3960, -31.2542, -55.5983



81.1470, 0.4205, 5.1331



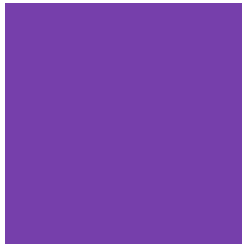
53.2860, 10.2120, 84.8182



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 91.7570, 39.0668, 23.0151 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 91.7570, 39.0668, 23.0151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

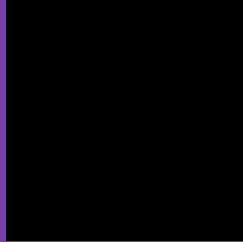
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7570, 39.0668, 23.0151

Background



This preview shows how black text looks on a background with the YUV color 91.7570, 39.0668, 23.0151.



This preview shows how white text looks on a background with the YUV color 91.7570, 39.0668,

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

91.7570, 39.0668, 23.0151

Protanopia

72.8600, 55.7780, -63.8982

Deuteranopia

73.2870, 44.7215, -64.2727



Tritanopia

91.8810, 0.5517, 9.7514

Trichromacy



Original Color

91.7570, 39.0668, 23.0151

Protanomaly

79.8640, 49.8600, -32.3297

Deuteranomaly

80.0290, 42.8767, -32.4744

Tritanomaly

91.8720, 14.3601, 14.1443

Monochromacy



Original Color

91.7570, 39.0668, 23.0151

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.5400, 14.5238, 8.2964

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7570, 39.0668, 23.0151 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(118, 63, 171)` looks like.

```
.text, #text, p{  
    color:rgb(118, 63, 171)  
}
```

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(118, 63, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 63, 171) }
```

Border

The CSS property to change the border of an element to YUV 91.7570, 39.0668, 23.0151 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(118, 63, 171) }
```


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

```
.border{ border-color:rgb(118, 63, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 63, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 63, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 63, 171);  
box-shadow:4px 4px 4px 4px rgb(118, 63,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 91.7570, 39.0668, 23.0151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 63, 171) }
```

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

```
.background{ background-color: rgb(118, 63,  
171) }
```

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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