

Converting Colors

YUV(77.4840, 39.6944, 8.3455)

Have a look what the booklet for
YUV(77.4840, 39.6944, 8.3455)
contains.

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Color

**YUV(77.4840, 39.6944,
8.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	57399E
RGB	87, 57, 158
RGB Percent	34%, 22%, 62%
CMY	0.6588, 0.7765, 0.3804
CMYK	0.45, 0.64, 0.00, 0.38
HSL	258°, 47%, 42%
HSV	258°, 64%, 62%
XYZ	11.5652, 7.4211, 33.1706
YIQ	77.4840, -14.5410, 37.7710

Conversions

Conversions Part 2

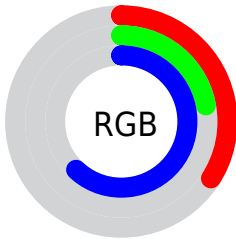
Format	Color
R _Y B	87, 57, 158
Decimal	5716382
CIE Lab	32.75, 37.65, -50.53
CIE LCh	33, 63.012, 306.691
Yxy	7.4211, 0.2217, 0.1423
Android (android.graphics.Color)	4283906462 (0xFF57399E)
YUV	77.4840, 39.6944, 8.3455
Hunter-Lab	27.2417, 28.1071, -53.1247

Details

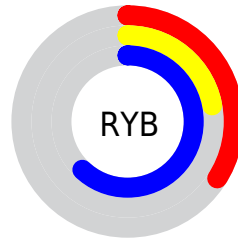
The YUV color **77.4840, 39.6944, 8.3455** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **137.5160, -39.6944, -8.3455**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9620, 41.4307, 11.4343**, and **26.6250, 39.1319, 2.0829** is the 20% darker color. If you saturate the color by 10%, you get **64.8030, 45.9461, 9.8198**, and if you desaturate by 10%, it is **90.1650, 33.4427, 6.8713**.

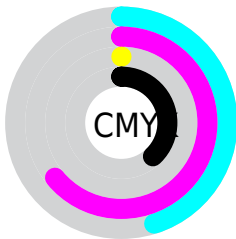
Distribution



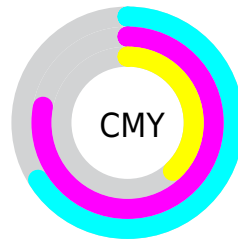
- Red (34%)
- Green (22%)
- Blue (62%)



- Red (34%)
- Yellow (22%)
- Blue (62%)



- Cyan (45%)
- Magenta (64%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (78%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4840, 39.6944, 8.3455 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 77.4840, 39.6944, 8.3455 by changing the saturation by 10% instead.

■ 77.4840, 39.6944,
8.3455

■ 77.4840, 39.6944,
8.3455

■ 255.0000, 0.0000,
0.0000

■ 52.5330, 38.6842,
5.6716

■ 128.9620, 41.4307,
11.4343

■ 26.6250, 39.1319,
2.0829

■ 155.3150, 42.7357,
12.8787

■ 9.2340, 35.3806,
-8.0982

■ 181.0180, 36.4731,
14.8932

■ 6.4980, 24.8975,
-5.6987

■ 205.5380, 24.3848,
18.8222

■ 5.0500, 14.2723,
-4.4289

■ 230.3460, 12.1544,
21.6216

■ 1.0260, 3.9312,
-0.8998

■ 247.3690, 3.7621,

■ 0.0000, 0.0000,

6.6924

0.0000

■ 77.4840, 39.6944,
8.3455

■ 77.4840, 39.6944,
8.3455

■ 64.8030, 45.9461,
9.8198

■ 90.1650, 33.4427,
6.8713

■ 52.1220, 52.1979,
11.2940

■ 102.8460, 27.1909,
5.3971

■ 40.0280, 58.1602,
12.2534

■ 114.9400, 21.2286,
4.4376

■ 32.0650, 62.0860,
13.0980

■ 127.6210, 14.9768,
2.9634

■ 140.6010, 8.5777,
2.1039

■ 153.2820, 2.3260,
0.6297

■ 165.9630, -3.9258,
-0.8446

■ 178.0570, -9.8881,
-1.8040

■ 190.7380,
-16.1398, -3.2782

Harmonies

Analogous

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



67.8390, 54.3094, -59.4948



77.4840, 39.6944, 8.3455



64.6010, 25.8327, 67.8789

Triad

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



77.4840, 39.6944, 8.3455



72.0080, -35.4999, 46.4740



66.8570, 9.9305, -58.6336

Complementary

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



77.4840, 39.6944, 8.3455



137.5160, -39.6944, -8.3455

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.



59.6410, -12.6410, -52.3052



77.4840, 39.6944, 8.3455



71.7880, -35.3915, 11.5869

Square

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



77.4840, 39.6944, 8.3455



61.7020, -21.0521, 79.1913



60.6040, -29.8778, -30.3477



72.4430, 31.3336, -63.5325

Rectangle

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



77.4840, 39.6944, 8.3455



56.9320, 13.8375, 88.6366



60.6040, -29.8778, -30.3477



64.9190, 2.5049, -56.9340

Sweetspot

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



77.4840, 39.6944, 8.3455



175.1480, 15.7030, 3.3782



110.7780, 23.2804, -47.1633



85.8290, 9.4513, 1.9040



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



77.4840, 39.6944, 8.3455



80.1790, 62.5228, 12.9980



92.1350, 32.4714, 38.4696



72.5100, 3.1996, 0.4297



28.8600, 56.2710, 11.5238



3.2050, 5.8149, 1.5742

Inverse Universe

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



95.2930, 16.1246, 54.9940



108.1950, 25.0469, 86.6520



122.8650, -32.4714, -38.4696



74.0760, 1.4415, 4.3183



54.1570, 22.6006, 77.9153



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 77.4840, 39.6944, 8.3455 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 77.4840, 39.6944, 8.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

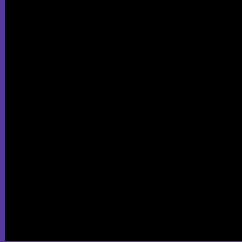
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4840, 39.6944, 8.3455

Background



This preview shows how black text looks on a background with the YUV color 77.4840, 39.6944, 8.3455.



This preview shows how white text looks on a background with the YUV color 77.4840, 39.6944,

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

77.4840, 39.6944, 8.3455

Protanopia

61.4500, 47.5992, -53.8916

Deuteranopia

61.9910, 36.9794, -54.3661



Tritanopia

76.3950, 4.2423, -7.3624

Trichromacy



Original Color

77.4840, 39.6944, 8.3455

Protanomaly

67.4960, 44.6185, -31.1300

Deuteranomaly

67.7750, 38.0719, -31.3747

Tritanomaly

76.8700, 17.3191, -1.6400

Monochromacy



Original Color

77.4840, 39.6944, 8.3455

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3930, 14.1033, 3.1633

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4840, 39.6944, 8.3455 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(87, 57, 158)` looks like.

```
.text, #text, p{  
    color:rgb(87, 57, 158)  
}
```

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(87, 57, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 57, 158) }
```

Border

The CSS property to change the border of an element to YUV 77.4840, 39.6944, 8.3455 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(87, 57, 158) }
```


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

```
.border{ border-color:rgb(87, 57, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 57, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 57, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 57, 158);  
box-shadow:4px 4px 4px 4px rgb(87, 57,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 77.4840, 39.6944, 8.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 57, 158) }
```

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

```
.background{ background-color: rgb(87, 57,  
158) }
```

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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