

Converting Colors

YUV(73.7400, 38.0892, 9.8750)

Have a look what the booklet for
YUV(73.7400, 38.0892, 9.8750)
contains.

YUV(73.7400, 38.0892, 9.8750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.7400, 38.0892,
9.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	553597
RGB	85, 53, 151
RGB Percent	33%, 21%, 59%
CMY	0.6667, 0.7922, 0.4078
CMYK	0.44, 0.65, 0.00, 0.41
HSL	260°, 48%, 40%
HSV	260°, 65%, 59%
XYZ	10.6053, 6.7119, 30.0147
YIQ	73.7400, -12.3860, 37.2620

Conversions

Conversions Part 2

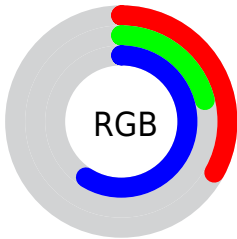
Format	Color
R_{YB}	85, 53, 151
Decimal	5584279
CIE _{Lab}	31.14, 37.52, -48.88
CIE _{LCh}	31, 61.620, 307.504
Yxy	6.7119, 0.2241, 0.1418
Android (android.graphics.Color)	4283774359 (0xFF553597)
YUV	73.7400, 38.0892, 9.8750
Hunter-Lab	25.9073, 27.7325, -50.5550

Details

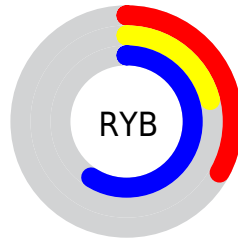
The YUV color **73.7400, 38.0892, 9.8750** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **130.2600, -38.0892, -9.8750**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9190, 39.9729, 12.3490**, and **23.1800, 37.3793, 4.2271** is the 20% darker color. If you saturate the color by 10%, you get **61.9450, 43.9041, 11.4492**, and if you desaturate by 10%, it is **85.5350, 32.2742, 8.3008**.

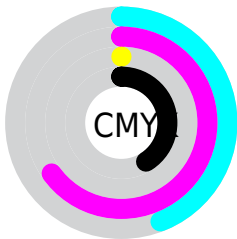
Distribution



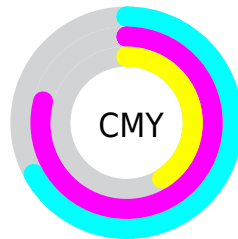
- Red (33%)
- Green (21%)
- Blue (59%)



- Red (33%)
- Yellow (21%)
- Blue (59%)



- Cyan (44%)
- Magenta (65%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (79%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7400, 38.0892, 9.8750 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 73.7400, 38.0892, 9.8750 by changing the saturation by 10% instead.

73.7400, 38.0892,
9.8750

73.7400, 38.0892,
9.8750

255.0000, 0.0000,
0.0000

49.2020, 37.3684,
7.7158

124.9190, 39.9729,
12.3490

23.1800, 37.3793,
4.2271

151.2720, 41.2779,
13.7935

8.5500, 32.7599,
-7.4984

177.4850, 38.2149,
16.2377

8.1620, 21.1191,
-7.1581

202.0050, 26.1265,
20.1666

4.4800, 12.0884,
-3.9290

227.1120, 13.7488,
23.5808

0.0000, 0.0000,
0.0000

244.4340, 5.2090,

9.2664

■ 73.7400, 38.0892,
9.8750

■ 73.7400, 38.0892,
9.8750

■ 61.9450, 43.9041,
11.4492

■ 85.5350, 32.2742,
8.3008

■ 50.1500, 49.7190,
13.0234

■ 97.3300, 26.4593,
6.7266

■ 38.0560, 55.6814,
13.9829

■ 109.4240, 20.4970,
5.7672

■ 31.8650, 58.7336,
15.0274

■ 121.2190, 14.6820,
4.1929

■ 133.6010, 8.5777,
2.1039

■ 145.3960, 2.7628,
0.5297

■ 157.1910, -3.0522,
-1.0445

■ 168.9860, -8.8671,
-2.6187

■ 181.0800,
-14.8294, -3.5782

Harmonies

Analogous

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



64.1060, 52.6987, -56.2210



73.7400, 38.0892, 9.8750



59.1990, 25.5379, 69.1085

Triad

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



73.7400, 38.0892, 9.8750



68.4530, -33.7473, 44.3297



64.2810, 10.2145, -56.3744

Complementary

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



73.7400, 38.0892, 9.8750



130.2600, -38.0892, -9.8750

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.



57.1790, -11.9202, -50.1460



73.7400, 38.0892, 9.8750



67.9450, -33.4969, 10.5722

Square

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



73.7400, 38.0892, 9.8750



58.9790, -21.1886, 76.3174



56.4620, -27.8358, -31.9772



69.6390, 30.7440, -61.0734

Rectangle

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



73.7400, 38.0892, 9.8750



54.5680, 12.5380, 85.4479



56.4620, -27.8358, -31.9772



61.7560, 3.0783, -54.1600

Sweetspot

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



73.7400, 38.0892, 9.8750



166.8060, 14.3926, 3.6781



103.5010, 23.4170, -44.2894



81.6010, 8.5777, 2.1039



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



73.7400, 38.0892, 9.8750



75.3920, 59.4597, 15.4422



88.0920, 31.0136, 39.3843



70.5100, 3.1996, 0.4297



29.7140, 54.3710, 14.2828



2.6780, 5.0887, 1.1594

Inverse Universe

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



89.8260, 14.3828, 53.6496



100.4890, 22.4369, 83.7631



115.9080, -31.0136, -39.3843



71.9620, 1.0047, 4.4183



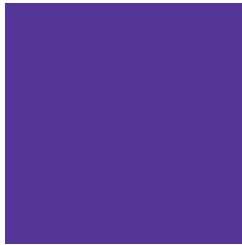
52.5760, 20.4220, 76.6708



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 73.7400, 38.0892, 9.8750 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 73.7400, 38.0892, 9.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

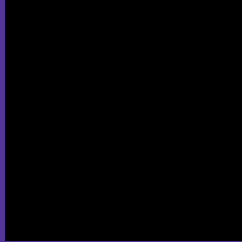
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7400, 38.0892, 9.8750

Background



This preview shows how black text looks on a background with the YUV color 73.7400, 38.0892, 9.8750.



This preview shows how white text looks on a background with the YUV color 73.7400, 38.0892,

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

73.7400, 38.0892, 9.8750

Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

58.9590, 35.5162, -51.7070



Tritanopia

72.8900, 3.5052, -4.2885

Trichromacy



Original Color

73.7400, 38.0892, 9.8750

Protanomaly

63.9370, 42.4291, -28.8857

Deuteranomaly

64.3300, 36.3193, -29.2304

Tritanomaly

72.9520, 16.2927, 0.9191

Monochromacy



Original Color

73.7400, 38.0892, 9.8750

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.6920, 13.9558, 3.7781

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7400, 38.0892, 9.8750 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(85, 53, 151)` looks like.

```
.text, #text, p{  
    color:rgb(85, 53, 151)  
}
```

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(85, 53, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 53, 151) }
```

Border

The CSS property to change the border of an element to YUV 73.7400, 38.0892, 9.8750 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(85, 53, 151) }
```


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

```
.border{ border-color:rgb(85, 53, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 53, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 53, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 53, 151);  
box-shadow:4px 4px 4px 4px rgb(85, 53,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 73.7400, 38.0892, 9.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 53, 151) }
```

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

```
.background{ background-color: rgb(85, 53,  
151) }
```

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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