

Converting Colors

YUV(76.7640, 18.3573, 38.7950)

Have a look what the booklet for
YUV(76.7640, 18.3573, 38.7950)
contains.

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Color

**YUV(76.7640, 18.3573,
38.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	792F72
RGB	121, 47, 114
RGB Percent	47%, 18%, 45%
CMY	0.5255, 0.8157, 0.5529
CMYK	0.00, 0.61, 0.06, 0.53
HSL	306°, 44%, 33%
HSV	306°, 61%, 47%
XYZ	11.9389, 7.3129, 16.7019
YIQ	76.7640, 22.5970, 36.5250

Conversions

Conversions Part 2

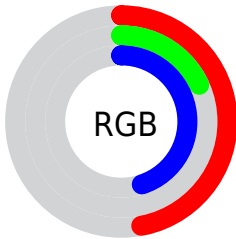
Format	Color
RYB	121, 47, 114
Decimal	7942002
CIELab	32.51, 41.32, -23.43
CIElCh	33, 47.495, 330.448
Yxy	7.3129, 0.3321, 0.2034
Android (android.graphics.Color)	4286132082 (0xFF792F72)
YUV	76.7640, 18.3573, 38.7950
Hunter-Lab	27.0423, 31.4819, -17.6890

Details

The YUV color **76.7640, 18.3573, 38.7950** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.2360, -18.3573, -38.7950**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7750, 18.3519, 40.5393**, and **28.1550, 18.6576, 35.8211** is the 20% darker color. If you saturate the color by 10%, you get **69.6060, 21.3932, 45.0725**, and if you desaturate by 10%, it is **83.9220, 15.3215, 32.5174**.

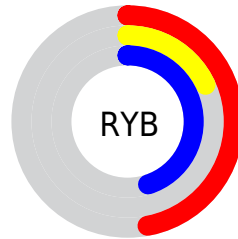
Distribution



Red (47%)

Green (18%)

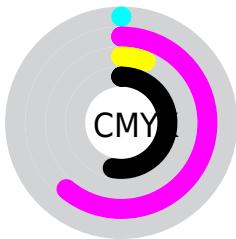
Blue (45%)



Red (47%)

Yellow (18%)

Blue (45%)

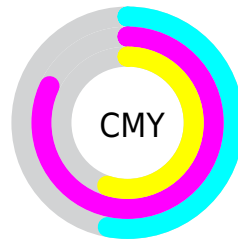


Cyan (0%)

Magenta (61%)

Yellow (6%)

Black (53%)



Cyan (53%)

Magenta (82%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7640, 18.3573, 38.7950 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 76.7640, 18.3573, 38.7950 by changing the saturation by 10% instead.

76.7640, 18.3573,
38.7950

76.7640, 18.3573,
38.7950

255.0000, 0.0000,
0.0000

50.2910, 19.0835,
39.2098

128.7750, 18.3519,
40.5393

28.1550, 18.6576,
35.8211

155.7860, 18.3465,
42.2837

18.9550, 11.8542,
24.5955

182.6120, 18.9253,
43.3133

5.7970, 7.9881,
4.5630

209.2310, 20.0991,
40.1394

0.0000, 0.0000,
0.0000

226.2370, 14.1802,
25.2252

243.2600, 5.7878,

10.2960

■ 76.7640, 18.3573,
38.7950

■ 76.7640, 18.3573,
38.7950

■ 69.6060, 21.3932,
45.0725

■ 83.9220, 15.3215,
32.5174

■ 62.4480, 24.4291,
51.3501

■ 91.0800, 12.2856,
26.2398

■ 55.2900, 27.4650,
57.6277

■ 98.2380, 9.2497,
19.9623

■ 48.7190, 30.2115,
63.3904

■ 105.5100, 6.6506,
13.5847

■ 112.6680, 3.6147,
7.3072

■ 120.4130, 0.2894,
0.5148

■ 127.5710, -2.7465,
-5.7628

■ 134.7290, -5.7824,
-12.0403

■ 141.8870, -8.8183,
-18.3179

Harmonies

Analogous

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



77.0560, 32.0174, -2.6801



76.7640, 18.3573, 38.7950



71.0090, 3.4466, 61.3821

Triad

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



76.7640, 18.3573, 38.7950



71.8320, -35.4132, 18.5643



67.5870, 22.8816, -59.2738

Complementary

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



76.7640, 18.3573, 38.7950



91.2360, -18.3573, -38.7950

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.



63.2550, 6.2833, -55.4746



76.7640, 18.3573, 38.7950



66.3400, -32.7056, -9.9452

Square

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



76.7640, 18.3573, 38.7950



71.8550, -33.4525, 43.1002



57.6350, -10.1731, -50.5459



68.4310, 36.2695, -60.0140

Rectangle

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



76.7640, 18.3573, 38.7950



70.2190, -8.4890, 62.9519



57.6350, -10.1731, -50.5459



66.2190, 17.6400, -58.0741

Sweetspot

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



76.7640, 18.3573, 38.7950



141.2220, 6.7926, 14.7143



57.2300, 31.4386, -3.7097



68.7930, 4.0461, 8.9515



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



76.7640, 18.3573, 38.7950



89.2410, 28.4752, 60.3016



72.6600, 2.6326, 42.3942



57.4780, 1.7363, 3.0888



50.2570, 30.9323, 65.5496



101.4540, 62.8802, 132.0288

Inverse Universe

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



76.7640, 18.3573, 38.7950



89.2410, 28.4752, 60.3016



95.3400, -2.6326, -42.3942



57.4780, 1.7363, 3.0888



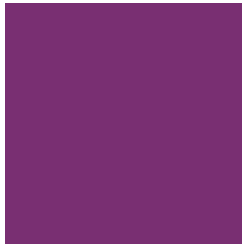
50.2570, 30.9323, 65.5496



101.4540, 62.8802, 132.0288

Previews

White Background



This preview shows how the YUV color 76.7640, 18.3573, 38.7950 looks on a white background.

Color Contrast Check

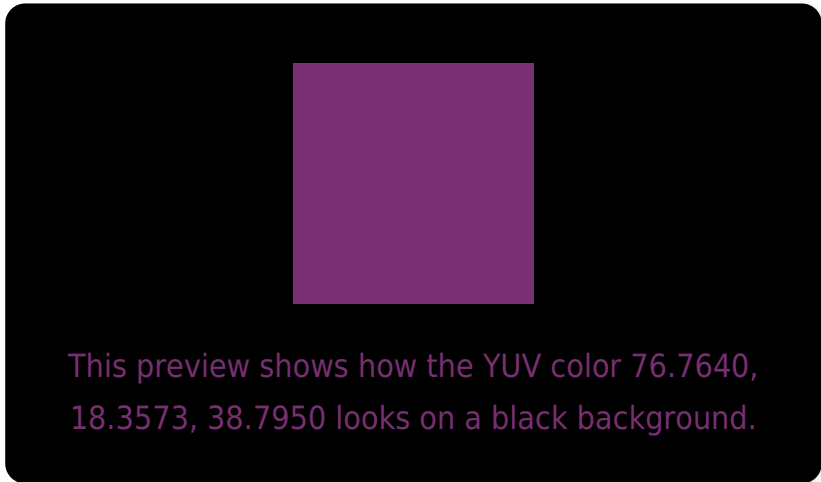
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

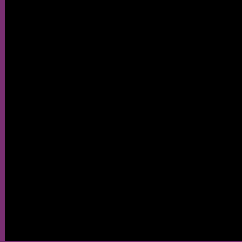
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7640, 18.3573, 38.7950

Background



This preview shows how black text looks on a background with the YUV color 76.7640, 18.3573, 38.7950.



This preview shows how white text looks on a background with the YUV color 76.7640, 18.3573,

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

76.7640, 18.3573, 38.7950

Protanopia

73.9240, 32.0825, -23.6123

Deuteranopia

77.3590, 15.5990, -9.9618



Tritanopia

77.9010, -6.3602, 33.4128

Trichromacy



Original Color

76.7640, 18.3573, 38.7950

Protanomaly

75.1010, 27.0652, -0.9656

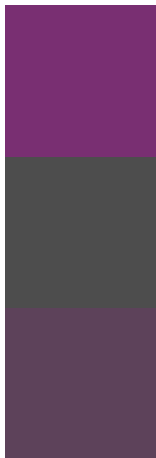
Deuteranomaly

77.1100, 16.7078, 7.7965

Tritanomaly

77.6160, 2.6543, 35.4168

Monochromacy



Original Color

76.7640, 18.3573, 38.7950

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8090, 6.5032, 14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7640, 18.3573, 38.7950 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(121, 47, 114)` looks like.

```
.text, #text, p{  
    color:rgb(121, 47, 114)  
}
```

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(121, 47, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 47, 114) }
```

Border

The CSS property to change the border of an element to YUV 76.7640, 18.3573, 38.7950 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(121, 47, 114) }
```


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

```
.border{ border-color:rgb(121, 47, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 47, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 47, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 47, 114);  
box-shadow:4px 4px 4px 4px rgb(121, 47,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 76.7640, 18.3573, 38.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 47, 114) }
```

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

```
.background{ background-color: rgb(121, 47,  
114) }
```

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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