

Converting Colors

YUV(80.7570, 5.5428, 42.3091)

Have a look what the booklet for
YUV(80.7570, 5.5428, 42.3091)
contains.

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Color

**YUV(80.7570, 5.5428,
42.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	81365C
RGB	129, 54, 92
RGB Percent	51%, 21%, 36%
CMY	0.4941, 0.7882, 0.6392
CMYK	0.00, 0.58, 0.29, 0.49
HSL	330°, 41%, 36%
HSV	330°, 58%, 51%
XYZ	12.3042, 8.0782, 11.0360
YIQ	80.7570, 32.5020, 27.7180

Conversions

Conversions Part 2

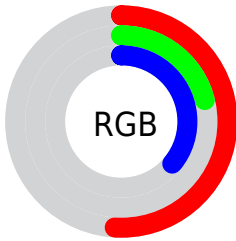
Format	Color
R_{YB}	129, 54, 92
Decimal	8468060
CIE _{Lab}	34.15, 36.79, -6.79
CIE _{LCh}	34, 37.413, 349.540
Yxy	8.0782, 0.3916, 0.2571
Android (android.graphics.Color)	4286658140 (0xFF81365C)
YUV	80.7570, 5.5428, 42.3091
Hunter-Lab	28.4221, 27.5356, -3.1261

Details

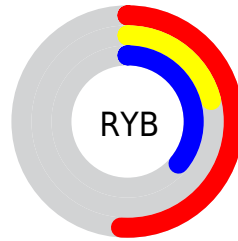
The YUV color **80.7570, 5.5428, 42.3091** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **102.2430, -5.5428, -42.3091**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2520, 4.8058, 45.3830**, and **28.2670, 8.7424, 42.7388** is the 20% darker color. If you saturate the color by 10%, you get **72.4420, 6.6841, 49.6014**, and if you desaturate by 10%, it is **89.0720, 4.4015, 35.0169**.

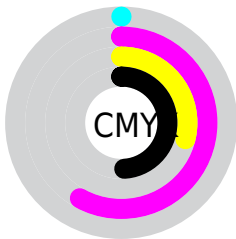
Distribution



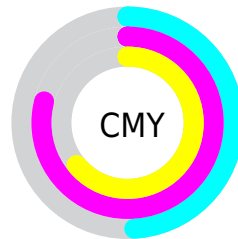
- Red (51%)
- Green (21%)
- Blue (36%)



- Red (51%)
- Yellow (21%)
- Blue (36%)



- Cyan (0%)
- Magenta (58%)
- Yellow (29%)
- Black (49%)



- Cyan (49%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7570, 5.5428, 42.3091 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 80.7570, 5.5428, 42.3091 by changing the saturation by 10% instead.

80.7570, 5.5428,
42.3091

80.7570, 5.5428,
42.3091

255.0000, 0.0000,
0.0000

55.2730, 6.2744,
40.9796

132.2520, 4.8058,
45.3830

28.2670, 8.7424,
42.7388

159.2630, 4.8003,
47.1273

18.5120, 3.6916,
29.3690

186.8610, 4.5055,
48.3569

7.2900, -3.1010,
14.6547

210.3760, 6.7166,
39.1352

0.0000, 0.0000,
0.0000

230.0040, 10.8440,
21.9215

246.7820, 4.0515,

7.2072

■ 80.7570, 5.5428,
42.3091

■ 80.7570, 5.5428,
42.3091

■ 72.4420, 6.6841,
49.6014

■ 89.0720, 4.4015,
35.0169

■ 64.0130, 7.3886,
56.9936

■ 97.5010, 3.6970,
27.6246

■ 55.6980, 8.5299,
64.2859

■ 105.8160, 2.5557,
20.3324

■ 47.3830, 9.6712,
71.5781

■ 114.1310, 1.4144,
13.0401

■ 45.9810, 9.3764,
72.8077

■ 122.5600, 0.7099,
5.6479

■ 130.2880, -0.1420,
-1.1296

■ 138.7170, -0.8465,
-8.5218

■ 147.0320, -1.9878,
-15.8141

■ 155.3470, -3.1291,
-23.1063

Harmonies

Analogous

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



82.8280, 17.8328, 20.3218



80.7570, 5.5428, 42.3091



78.8320, -8.2982, 48.3823

Triad

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



80.7570, 5.5428, 42.3091



75.0840, -27.6494, 1.6803



68.2540, 27.9758, -59.8588

Complementary

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



80.7570, 5.5428, 42.3091



102.2430, -5.5428, -42.3091

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.



67.0510, 15.7509, -58.8037



80.7570, 5.5428, 42.3091



70.2360, -14.9063, -25.6400

Square

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



80.7570, 5.5428, 42.3091



77.4720, -29.3197, 24.1421



63.0440, 2.9363, -55.2896



66.9150, 35.5379, -58.6845

Rectangle

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



80.7570, 5.5428, 42.3091



79.1060, -17.3073, 44.6340



63.0440, 2.9363, -55.2896



68.5160, 23.9026, -60.0885

Sweetspot

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



80.7570, 5.5428, 42.3091



149.9680, 1.9878, 15.8141



73.3140, 27.4532, 14.6336



73.1090, 1.4253, 9.5514



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



80.7570, 5.5428, 42.3091



92.1220, 8.8139, 66.5450



76.5390, -10.6187, 46.0083



59.5490, 0.7153, 3.9035



45.6820, 9.5238, 72.1929



0.0000, 0.0000, 0.0000

Inverse Universe

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



80.7570, 5.5428, 42.3091



92.1220, 8.8139, 66.5450



106.4610, 10.6187, -46.0083



59.5490, 0.7153, 3.9035



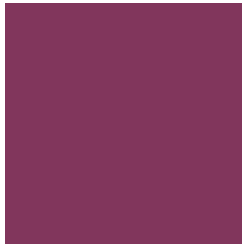
45.6820, 9.5238, 72.1929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 80.7570, 5.5428, 42.3091 looks on a white background.

Color Contrast Check

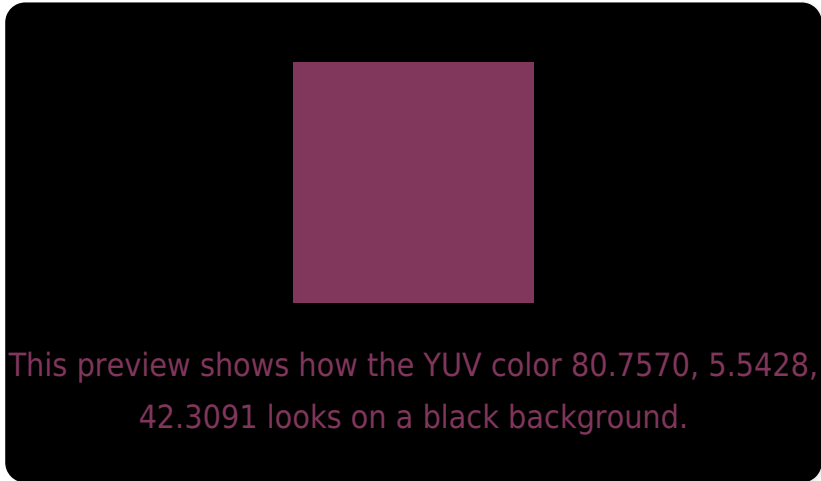
Large Text (above 18pt) WCAG AA ✓ Pass

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

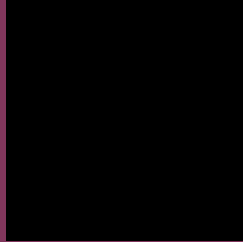
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7570, 5.5428, 42.3091

Background



This preview shows how black text looks on a background with the YUV color 80.7570, 5.5428, 42.3091.



This preview shows how white text looks on a background with the YUV color 80.7570, 5.5428,

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

80.7570, 5.5428, 42.3091

Protanopia

81.3270, 14.1358, -7.3028

Deuteranopia

82.1190, 2.8993, 3.4036



Tritanopia

80.4890, -8.1291, 40.7901

Trichromacy



Original Color

80.7570, 5.5428, 42.3091

Protanomaly

81.2260, 10.7346, 10.3258

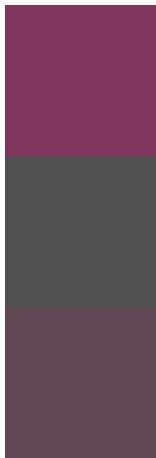
Deuteranomaly

81.7340, 3.5821, 17.7733

Tritanomaly

80.7540, -3.3297, 41.4347

Monochromacy



Original Color

80.7570, 5.5428, 42.3091

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.6690, 2.1352, 15.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7570, 5.5428, 42.3091 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(129, 54, 92)` looks like.

```
.text, #text, p{  
    color:rgb(129, 54, 92)  
}
```

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(129, 54, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 54, 92) }
```

Border

The CSS property to change the border of an element to YUV 80.7570, 5.5428, 42.3091 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(129, 54, 92) }
```


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

```
.border{ border-color:rgb(129, 54, 92) }
```

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

Here you see how a box with a 4 pixel rgb(129, 54, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 54, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 54, 92);  
box-shadow:4px 4px 4px 4px rgb(129, 54,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 80.7570, 5.5428, 42.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 54, 92) }
```

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

```
.background{ background-color: rgb(129, 54,  
92) }
```

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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