

Converting Colors

YUV(42.7470, 20.8307, 38.8099)

Have a look what the booklet for
YUV(42.7470, 20.8307, 38.8099)
contains.

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Color

**YUV(42.7470, 20.8307,
38.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	570C55
RGB	87, 12, 85
RGB Percent	34%, 5%, 33%
CMY	0.6588, 0.9529, 0.6667
CMYK	0.00, 0.86, 0.02, 0.66
HSL	302°, 76%, 19%
HSV	302°, 86%, 34%
XYZ	5.7016, 2.9451, 8.8623
YIQ	42.7470, 21.2670, 38.6030

Conversions

Conversions Part 2

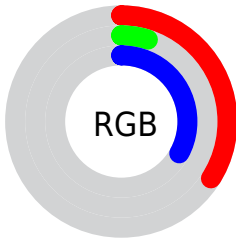
Format	Color
R_{YB}	87, 12, 85
Decimal	5704789
CIE _{Lab}	19.82, 41.32, -24.91
CIE _{LCh}	20, 48.251, 328.916
Yxy	2.9451, 0.3256, 0.1682
Android (android.graphics.Color)	4283894869 (0xFF570C55)
YUV	42.7470, 20.8307, 38.8099
Hunter-Lab	17.1612, 29.2730, -18.6054

Details

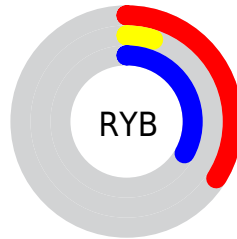
The YUV color **42.7470, 20.8307, 38.8099** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **56.2530, -20.8307, -38.8099**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9920, 19.2309, 38.5950**, and **17.1180, 11.2808, 21.8215** is the 20% darker color. If you saturate the color by 10%, you get **37.4640, 23.4352, 43.4431**, and if you desaturate by 10%, it is **48.0300, 18.2262, 34.1767**.

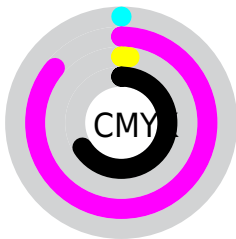
Distribution



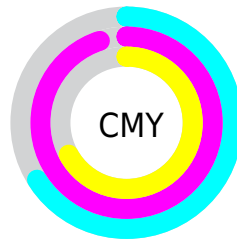
- Red (34%)
- Green (5%)
- Blue (33%)



- Red (34%)
- Yellow (5%)
- Blue (33%)



- Cyan (0%)
- Magenta (86%)
- Yellow (2%)
- Black (66%)



- Cyan (66%)
- Magenta (95%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7470, 20.8307, 38.8099 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 42.7470, 20.8307, 38.8099 by changing the saturation by 10% instead.

42.7470, 20.8307,
38.8099

42.7470, 20.8307,
38.8099

255.0000, 0.0000,
0.0000

25.4920, 17.5054,
32.0175

95.9920, 19.2309,
38.5950

17.1180, 11.2808,
21.8215

121.7040, 19.3729,
39.7246

2.5250, 7.1362,
-2.2144

148.5300, 19.9517,
40.7542

0.0000, 0.0000,
0.0000


175.2420, 20.0937,
41.8838


203.9540, 20.2357,
43.0133


221.5410, 16.4953,


29.3435


 238.5640, 8.1029,
14.4144


 42.7470, 20.8307,
38.8099


 42.7470, 20.8307,
38.8099


 37.4640, 23.4352,
43.4431


 48.0300, 18.2262,
34.1767

 35.7030, 24.3034,
44.9875

 52.7260, 15.9111,
30.0583

 58.1230, 13.7434,
25.3251

 63.4060, 11.1388,
20.6919

 68.1020, 8.8237,
16.5735

■ 73.3850, 6.2192,
11.9404

■ 78.7820, 4.0515,
7.2072

■ 84.0650, 1.4470,
2.5740

■ 88.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



46.0120, 32.0391, -9.6575



42.7470, 20.8307, 38.8099



37.5080, 6.6516, 60.0675

Triad

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



42.7470, 20.8307, 38.8099



45.2410, -22.3038, 13.8206



45.6280, 17.4384, -40.0158

Complementary

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



42.7470, 20.8307, 38.8099



56.2530, -20.8307, -38.8099

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.



41.6380, 2.1505, -36.5165



42.7470, 20.8307, 38.8099



40.0590, -19.7491, -12.3297

Square

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



42.7470, 20.8307, 38.8099



43.9220, -21.6535, 38.6564



35.7900, -15.1795, -31.3878



47.6460, 30.2475, -41.7855

Rectangle

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



42.7470, 20.8307, 38.8099



34.8860, -3.3948, 62.3670



35.7900, -15.1795, -31.3878



44.3740, 12.6336, -38.9160

Sweetspot

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



42.7470, 20.8307, 38.8099



94.8630, 7.9555, 15.0291



20.8490, 32.6124, -6.8836



46.0210, 4.9196, 8.7516



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



42.7470, 20.8307, 38.8099



45.9140, 31.1014, 57.9574



38.5290, 4.6692, 42.5091



40.6520, 1.1576, 2.0592



43.8490, 29.6544, 55.3834



96.2570, 64.9493, 121.6776

Inverse Universe

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



42.7470, 20.8307, 38.8099



45.9140, 31.1014, 57.9574



60.4710, -4.6692, -42.5091



40.6520, 1.1576, 2.0592



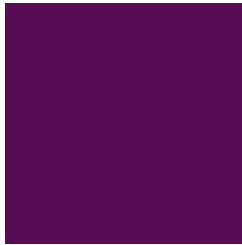
43.8490, 29.6544, 55.3834



96.2570, 64.9493, 121.6776

Previews

White Background



This preview shows how the YUV color 42.7470, 20.8307, 38.8099 looks on a white background.

Color Contrast Check

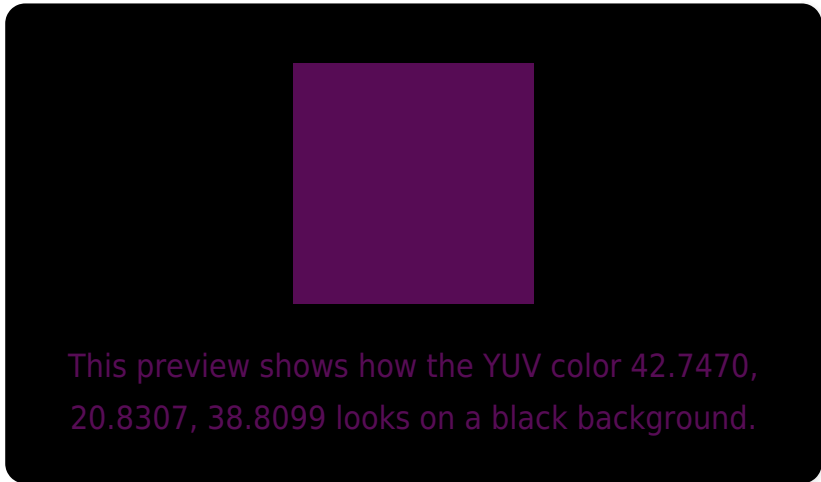
Large Text (above 18pt) WCAG AA ✓ Pass

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

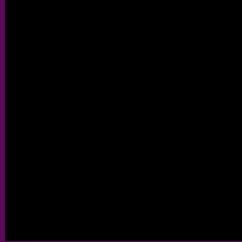
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7470, 20.8307, 38.8099

Background



This preview shows how black text looks on a background with the YUV color 42.7470, 20.8307, 38.8099.



This preview shows how white text looks on a background with the YUV color 42.7470, 20.8307,

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

42.7470, 20.8307, 38.8099

Deuteranopia

48.3370, 15.6099, -13.4505

Tritanopia

49.2810, -6.0545, 28.6946

Trichromacy



Original Color

42.7470, 20.8307, 38.8099

Deuteranomaly

46.3270, 17.5868, 5.8522

Tritanomaly

47.1210, 3.3913, 32.3429

Monochromacy



Original Color

42.7470, 20.8307, 38.8099

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0370, 7.3768, 13.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7470, 20.8307, 38.8099 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, 12, 85)` looks like.

```
.text, #text, p{  
    color:rgb(87, 12, 85)  
}
```

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, 12, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 12, 85) }
```

Border

The CSS property to change the border of an element to YUV 42.7470, 20.8307, 38.8099 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, 12, 85) }
```

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

```
.border{ border-color:rgb(87, 12, 85) }
```

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

Here you see how a box with a 4 pixel rgb(87, 12, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 12, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 12, 85);  
box-shadow:4px 4px 4px 4px rgb(87, 12, 85)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.7470, 20.8307, 38.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 12, 85) }
```

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

```
.background{ background-color: rgb(87, 12,  
85) }
```

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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