

Converting Colors

YUV(88.4570, 7.1697, 33.8022)

Have a look what the booklet for
YUV(88.4570, 7.1697, 33.8022)
contains.

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Color

**YUV(88.4570, 7.1697,
33.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4267
RGB	127, 66, 103
RGB Percent	50%, 26%, 40%
CMY	0.5020, 0.7412, 0.5961
CMYK	0.00, 0.48, 0.19, 0.50
HSL	324°, 32%, 38%
HSV	324°, 48%, 50%
XYZ	13.1488, 9.3877, 13.9510
YIQ	88.4570, 24.4790, 24.4390

Conversions

Conversions Part 2

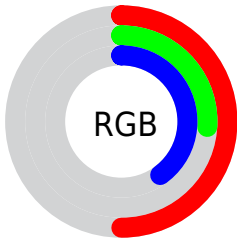
Format	Color
R _Y B	127, 66, 103
Decimal	8340071
CIE Lab	36.72, 31.35, -9.93
CIE LCh	37, 32.887, 342.425
Yxy	9.3877, 0.3604, 0.2573
Android (android.graphics.Color)	4286530151 (0xFF7F4267)
YUV	88.4570, 7.1697, 33.8022
Hunter-Lab	30.6394, 22.9837, -5.5488

Details

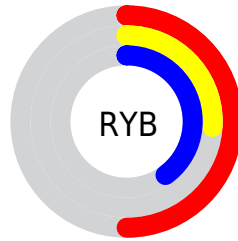
The YUV color **88.4570, 7.1697, 33.8022** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **104.5430, -7.1697, -33.8022**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7670, 7.0169, 36.1613**, and **39.6740, 8.0487, 31.8579** is the 20% darker color. If you saturate the color by 10%, you get **80.2560, 8.7478, 40.9945**, and if you desaturate by 10%, it is **96.6580, 5.5916, 26.6099**.

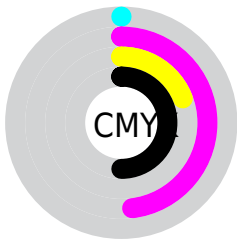
Distribution



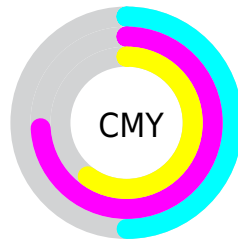
- Red (50%)
- Green (26%)
- Blue (40%)



- Red (50%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4570, 7.1697, 33.8022 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 88.4570, 7.1697, 33.8022 by changing the saturation by 10% instead.

■ 88.4570, 7.1697,
33.8022

■ 88.4570, 7.1697,
33.8022

255.0000, 0.0000,
0.0000

■ 63.8590, 7.4645,
32.5727

■ 139.7670, 7.0169,
36.1613

■ 39.6740, 8.0487,
31.8579

■ 166.4790, 7.1589,
37.2909

■ 19.5380, 7.6228,
28.4692

■ 194.0770, 6.8640,
38.5205

■ 9.9250, 0.5300,
16.7288

■ 218.3150, 9.2117,
32.1727

■ 0.0000, 0.0000,
0.0000

■ 237.3900, 8.6817,
15.4440

253.8260, 0.5788,

1.0296

■ 88.4570, 7.1697,
33.8022

■ 88.4570, 7.1697,
33.8022

■ 80.2560, 8.7478,
40.9945

■ 96.6580, 5.5916,
26.6099

■ 72.6420, 10.0365,
47.6720

■ 104.2720, 4.3029,
19.9325

■ 64.4410, 11.6146,
54.8642

■ 112.4730, 2.7248,
12.7402

■ 56.2400, 13.1927,
62.0565

■ 120.6740, 1.1467,
5.5479

■ 48.6260, 14.4814,
68.7340

■ 128.8750, -0.4314,
-1.6444

■ 46.7510, 14.9128,
70.3784

■ 136.4890, -1.7201,
-8.3219

■ 144.6900, -3.2982,
-15.5141

■ 152.8910, -4.8763,
-22.7064

■ 160.5050, -6.1650,
-29.3839

Harmonies

Analogous

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



89.1860, 18.1493, 12.1149



88.4570, 7.1697, 33.8022



86.8960, -5.3717, 43.0642

Triad

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



88.4570, 7.1697, 33.8022



82.5130, -24.9029, 7.4431



71.3200, 24.4922, -62.5476

Complementary

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



88.4570, 7.1697, 33.8022



104.5430, -7.1697, -33.8022

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.



69.7580, 13.4303, -61.1778



88.4570, 7.1697, 33.8022



79.5470, -16.5387, -15.3887

Square

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



88.4570, 7.1697, 33.8022



84.7480, -24.5258, 26.5310



70.5780, -0.2850, -48.7419



70.6820, 32.2018, -61.9881

Rectangle

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



88.4570, 7.1697, 33.8022



86.1210, -13.3707, 41.9899



70.5780, -0.2850, -48.7419



71.1090, 21.1453, -62.3626

Sweetspot

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



88.4570, 7.1697, 33.8022



151.4730, 2.7248, 12.7402



79.8310, 23.2543, 8.0412



75.2120, 1.8675, 7.7071



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.



88.4570, 7.1697, 33.8022



105.3160, 11.1832, 53.2199



85.0370, -5.9342, 36.8016



59.5490, 0.7153, 3.9035



47.0500, 14.7654, 70.9931



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.4570, 7.1697, 33.8022



105.3160, 11.1832, 53.2199



107.9630, 5.9342, -36.8016



59.5490, 0.7153, 3.9035



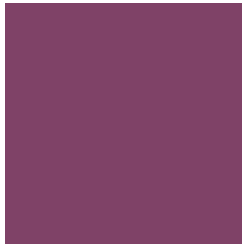
47.0500, 14.7654, 70.9931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.4570, 7.1697, 33.8022 looks on a white background.

Color Contrast Check

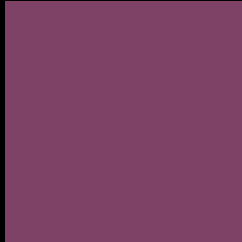
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.4570, 7.1697, 33.8022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

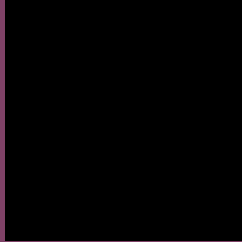
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4570, 7.1697, 33.8022

Background



This preview shows how black text looks on a background with the YUV color 88.4570, 7.1697, 33.8022.



This preview shows how white text looks on a background with the YUV color 88.4570, 7.1697,

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

88.4570, 7.1697, 33.8022

Protanopia

87.1420, 14.7200, -8.0175

Deuteranopia

87.9060, 5.9623, 0.9594



Tritanopia

87.5310, -5.1918, 31.9833

Trichromacy



Original Color

88.4570, 7.1697, 33.8022

Protanomaly

87.8450, 11.9084, 7.1519

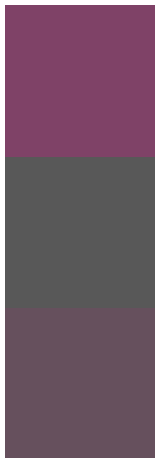
Deuteranomaly

88.0970, 6.3612, 13.0699

Tritanomaly

87.6820, -0.8292, 32.7279

Monochromacy



Original Color

88.4570, 7.1697, 33.8022

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0600, 2.4354, 12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4570, 7.1697, 33.8022 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(127, 66, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 66, 103)  
}
```

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(127, 66, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 66, 103) }
```

Border

The CSS property to change the border of an element to YUV 88.4570, 7.1697, 33.8022 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(127, 66, 103) }
```


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

```
.border{ border-color:rgb(127, 66, 103) }
```

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

Here you see how a box with a 4 pixel rgb(127, 66, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 66, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 66, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 66,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 88.4570, 7.1697, 33.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 66, 103) }
```

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

```
.background{ background-color: rgb(127, 66,  
103) }
```

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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