

Converting Colors

YUV(87.7770, 5.0399, 16.8586)

Have a look what the booklet for
YUV(87.7770, 5.0399, 16.8586)
contains.

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Color

**YUV(87.7770, 5.0399,
16.8586)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4C62
RGB	107, 76, 98
RGB Percent	42%, 30%, 38%
CMY	0.5804, 0.7020, 0.6157
CMYK	0.00, 0.29, 0.08, 0.58
HSL	317°, 17%, 36%
HSV	317°, 29%, 42%
XYZ	10.8525, 9.1765, 12.7545
YIQ	87.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

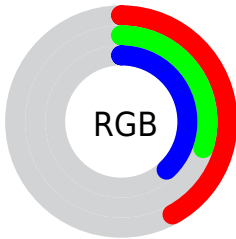
Format	Color
R_{YB}	107, 76, 98
Decimal	7031906
CIE Lab	36.32, 17.04, -7.65
CIE LCh	36, 18.680, 335.830
Yxy	9.1765, 0.3310, 0.2799
Android (android.graphics.Color)	4285221986 (0xFF6B4C62)
YUV	87.7770, 5.0399, 16.8586
Hunter-Lab	30.2928, 10.9356, -3.7586

Details

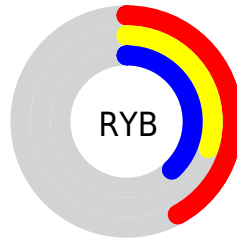
The YUV color **87.7770, 5.0399, 16.8586** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.2230, -5.0399, -16.8586**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9020, 5.4713, 18.5029**, and **41.7660, 5.0454, 15.1142** is the 20% darker color. If you saturate the color by 10%, you get **80.9780, 6.9128, 22.8213**, and if you desaturate by 10%, it is **94.5760, 3.1670, 10.8958**.

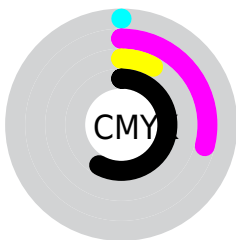
Distribution



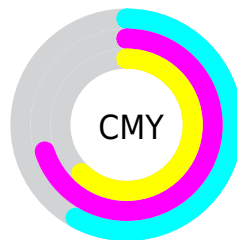
- Red (42%)
- Green (30%)
- Blue (38%)



- Red (42%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7770, 5.0399, 16.8586 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 87.7770, 5.0399, 16.8586 by changing the saturation by 10% instead.

87.7770, 5.0399,
16.8586

87.7770, 5.0399,
16.8586

255.0000, 0.0000,
0.0000

64.0650, 4.8980,
15.7290

137.9020, 5.4713,
18.5029

41.7660, 5.0454,
15.1142

164.2010, 5.3239,
19.1177

20.3530, 4.7560,
14.5994

191.6140, 5.6133,
19.6325

0.9400, 1.0156,
0.9296

219.6140, 5.6133,
19.6325

0.0000, 0.0000,
0.0000

242.6730, 6.0772,
10.8108

87.7770, 5.0399,
16.8586

87.7770, 5.0399,
16.8586

80.9780, 6.9128,
22.8213

94.5760, 3.1670,
10.8958

74.7660, 8.4964,
28.2692

100.7880, 1.5835,
5.4479

67.9670, 10.3693,
34.2319

107.5870, -0.2894,
-0.5148

61.1680, 12.2422,
40.1947

114.3860, -2.1623,
-6.4775

54.2550, 13.6783,
46.2574

121.2990, -3.5984,
-12.5402

48.0430, 15.2618,
51.7053

127.5110, -5.1819,
-17.9881

41.2440, 17.1347,
57.6680


134.3100, -7.0548,
-23.9509

40.6570, 17.4241,

141.1090, -8.9277,

58.1828

-29.9136

 147.3210,
-10.5113, -35.3615

Harmonies

Analogous

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



87.2960, 11.1931, 3.2484



87.7770, 5.0399, 16.8586



87.2850, -2.1125, 24.3061

Triad

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



87.7770, 5.0399, 16.8586



84.0860, -13.8464, 7.8176



77.2820, 12.1860, -35.3273

Complementary

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



87.7770, 5.0399, 16.8586



95.2230, -5.0399, -16.8586

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.



78.0670, 4.8970, -30.7538



87.7770, 5.0399, 16.8586



82.8070, -10.7509, -5.0927

Square

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



87.7770, 5.0399, 16.8586



85.2660, -13.4421, 18.1837



80.5540, -3.7241, -18.9029



79.9500, 15.8006, -28.0202

Rectangle

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



87.7770, 5.0399, 16.8586



86.7320, -6.7699, 24.7910



80.5540, -3.7241, -18.9029



76.8260, 10.4388, -34.9274

Sweetspot

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



87.7770, 5.0399, 16.8586



132.6140, 2.1623, 6.4775



82.2250, 12.2141, 2.4337



66.6630, 1.1521, 3.8035



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



87.7770, 5.0399, 16.8586



109.6410, 8.0650, 26.6248



86.0670, -1.5120, 18.3582



50.2500, 0.8628, 3.2887



44.4450, 19.0076, 63.6307



93.0910, 39.8881, 133.2242

Inverse Universe

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



87.7770, 5.0399, 16.8586



109.6410, 8.0650, 26.6248



96.9330, 1.5120, -18.3582



50.2500, 0.8628, 3.2887



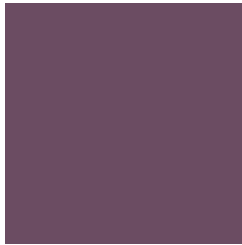
44.4450, 19.0076, 63.6307



93.0910, 39.8881, 133.2242

Previews

White Background



This preview shows how the YUV color 87.7770, 5.0399, 16.8586 looks on a white background.

Color Contrast Check

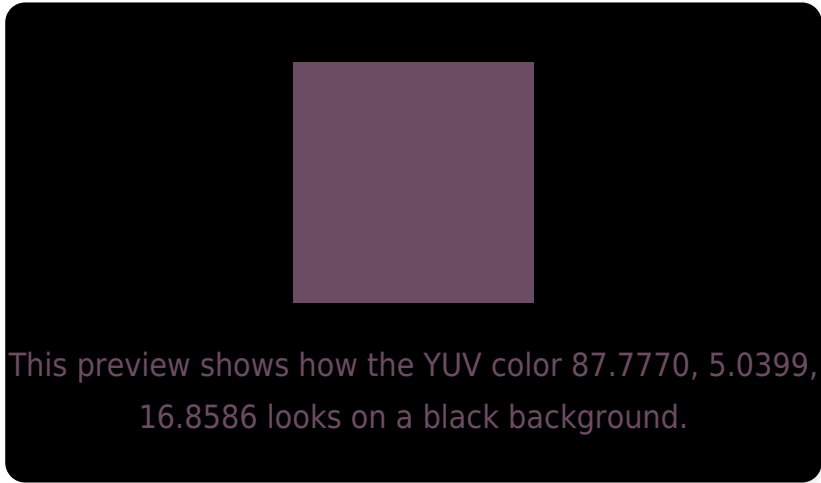
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.7770, 5.0399, 16.8586

Background



This preview shows how black text looks on a background with the YUV color 87.7770, 5.0399, 16.8586.

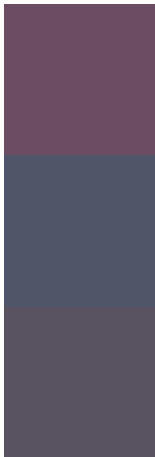


This preview shows how white text looks on a background with the YUV color 87.7770, 5.0399,

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

87.7770, 5.0399, 16.8586

Protanopia

85.9700, 8.8888, -4.3587

Deuteranopia

86.3900, 5.2307, 2.2890



Tritanopia

86.7570, -1.3592, 15.9991

Trichromacy



Original Color

87.7770, 5.0399, 16.8586

Protanomaly

86.6720, 7.5567, 2.9187

Deuteranomaly

86.7220, 5.0671, 8.1368

Tritanomaly

87.0390, 0.9668, 16.6288

Monochromacy



Original Color

87.7770, 5.0399, 16.8586

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2010, 1.8729, 5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7770, 5.0399, 16.8586 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(107, 76, 98)` looks like.

```
.text, #text, p{  
    color:rgb(107, 76, 98)  
}
```

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(107, 76, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 76, 98) }
```

Border

The CSS property to change the border of an element to YUV 87.7770, 5.0399, 16.8586 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(107, 76, 98) }
```


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

```
.border{ border-color:rgb(107, 76, 98) }
```

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

Here you see how a box with a 4 pixel rgb(107, 76, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 76, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 76, 98);  
box-shadow:4px 4px 4px 4px rgb(107, 76,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 87.7770, 5.0399, 16.8586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 76, 98) }
```

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

```
.background{ background-color: rgb(107, 76,  
98) }
```

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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