

Converting Colors

YUV(86.4070, 9.6593, 28.5841)

Have a look what the booklet for
YUV(86.4070, 9.6593, 28.5841)
contains.

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Color

**YUV(86.4070, 9.6593,
28.5841)**

Conversions

Conversions Part 1

Format	Color
Hex	77426A
RGB	119, 66, 106
RGB Percent	47%, 26%, 42%
CMY	0.5333, 0.7412, 0.5843
CMYK	0.00, 0.45, 0.11, 0.53
HSL	315°, 29%, 36%
HSV	315°, 45%, 47%
XYZ	12.1575, 8.8590, 14.7049
YIQ	86.4070, 18.7480, 23.6760

Conversions

Conversions Part 2

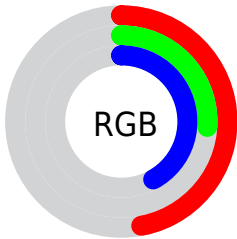
Format	Color
R_{YB}	119, 66, 106
Decimal	7815786
CIE _{Lab}	35.71, 29.03, -13.45
CIE _{LCh}	36, 31.998, 335.135
Yxy	8.8590, 0.3403, 0.2480
Android (android.graphics.Color)	4286005866 (0xFF77426A)
YUV	86.4070, 9.6593, 28.5841
Hunter-Lab	29.7640, 20.8235, -8.4573

Details

The YUV color **86.4070, 9.6593, 28.5841** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.5930, -9.6593, -28.5841**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8310, 9.9433, 30.8432**, and **38.5100, 10.1016, 26.7397** is the 20% darker color. If you saturate the color by 10%, you get **79.0210, 11.8216, 35.0616**, and if you desaturate by 10%, it is **93.7930, 7.4971, 22.1065**.

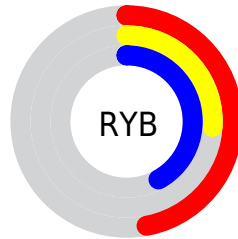
Distribution



Red (47%)

Green (26%)

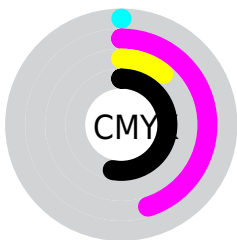
Blue (42%)



Red (47%)

Yellow (26%)

Blue (42%)

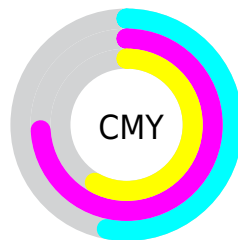


Cyan (0%)

Magenta (45%)

Yellow (11%)

Black (53%)



Cyan (53%)

Magenta (74%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4070, 9.6593, 28.5841 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 86.4070, 9.6593, 28.5841 by changing the saturation by 10% instead.

86.4070, 9.6593,
28.5841

86.4070, 9.6593,
28.5841

255.0000, 0.0000,
0.0000

61.8090, 9.9542,
27.3545

136.8310, 9.9433,
30.8432

38.5100, 10.1016,
26.7397

163.5430, 10.0853,
31.9728

17.6730, 9.5282,
23.9658

191.2550, 10.2273,
33.1024

7.0920, 3.8986,
9.5663

218.6570, 10.5221,
31.8728

0.0000, 0.0000,
0.0000

236.8030, 8.9711,
15.9588

253.8260, 0.5788,

1.0296

■ 86.4070, 9.6593,
28.5841

■ 86.4070, 9.6593,
28.5841

■ 79.0210, 11.8216,
35.0616

■ 93.7930, 7.4971,
22.1065

■ 71.6350, 13.9839,
41.5391

■ 101.1790, 5.3348,
15.6290

■ 64.2490, 16.1462,
48.0166

■ 108.5650, 3.1725,
9.1515

■ 56.8630, 18.3085,
54.4941

■ 115.9510, 1.0102,
2.6740

■ 50.0640, 20.1814,
60.4569

■ 123.3370, -1.1521,
-3.8035

■ 45.8410, 21.7704,
64.1604

■ 130.1360, -3.0250,
-9.7663

■ 137.4080, -5.6241,
-16.1438

■ 144.7940, -7.7864,
-22.6213

■ 152.1800, -9.9487,
-29.0989

Harmonies

Analogous

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



86.4840, 19.4814, 4.8375



86.4070, 9.6593, 28.5841



84.7970, -1.8719, 40.5200

Triad

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



86.4070, 9.6593, 28.5841



81.2470, -24.7718, 12.0614



69.2340, 21.5766, -60.7182

Complementary

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



86.4070, 9.6593, 28.5841



98.5930, -9.6593, -28.5841

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.



66.9710, 10.3673, -58.7336



86.4070, 9.6593, 28.5841



78.3090, -18.8863, -9.0410

Square

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



86.4070, 9.6593, 28.5841



82.9270, -22.6420, 29.0050



72.1020, -4.9803, -36.0465



68.8240, 30.1598, -60.3586

Rectangle

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



86.4070, 9.6593, 28.5841



84.0330, -9.8763, 41.1901



72.1020, -4.9803, -36.0465



68.9090, 17.7929, -60.4332

Sweetspot

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



86.4070, 9.6593, 28.5841



143.1030, 3.8932, 11.3107



75.6300, 21.3814, 2.0785



71.0270, 2.4517, 6.9923



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.



86.4070, 9.6593, 28.5841



104.8850, 14.8467, 44.8279



83.4430, -1.6974, 31.1835



55.2500, 0.8628, 3.2888



46.9660, 22.2018, 65.8048



96.2960, 45.7031, 134.7984

Inverse Universe

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



86.4070, 9.6593, 28.5841



104.8850, 14.8467, 44.8279



101.5570, 1.6974, -31.1835



55.2500, 0.8628, 3.2888



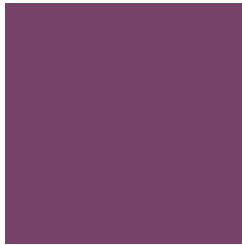
46.9660, 22.2018, 65.8048



96.2960, 45.7031, 134.7984

Previews

White Background



This preview shows how the YUV color 86.4070, 9.6593, 28.5841 looks on a white background.

Color Contrast Check

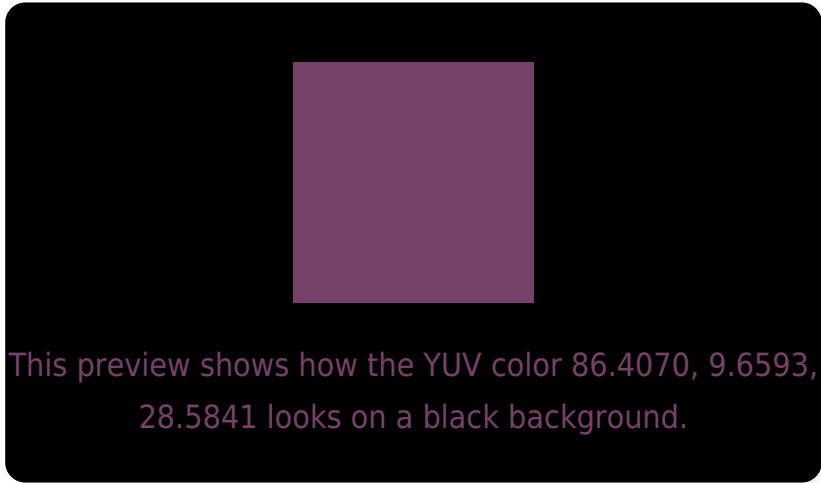
Large Text (above 18pt) WCAG AA ✓ Pass

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

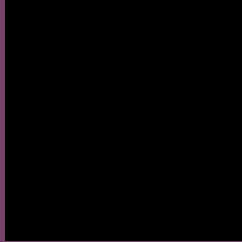
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4070, 9.6593, 28.5841

Background



This preview shows how black text looks on a background with the YUV color 86.4070, 9.6593, 28.5841.



This preview shows how white text looks on a background with the YUV color 86.4070, 9.6593,

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

86.4070, 9.6593, 28.5841

Protanopia

84.4130, 17.0514, -9.1322

Deuteranopia

85.2800, 8.7360, -1.9996



Tritanopia

85.7260, -4.3019, 26.5503

Trichromacy



Original Color

86.4070, 9.6593, 28.5841

Protanomaly

85.1050, 14.2452, 4.2929

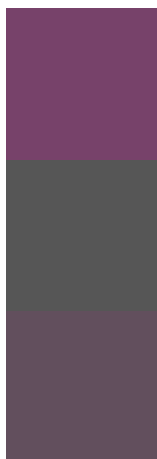
Deuteranomaly

85.7590, 8.9928, 8.9814

Tritanomaly

86.1050, 0.9342, 27.0949

Monochromacy



Original Color

86.4070, 9.6593, 28.5841

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2770, 3.3144, 10.2811

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4070, 9.6593, 28.5841 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(119, 66, 106)` looks like.

```
.text, #text, p{  
    color:rgb(119, 66, 106)  
}
```

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(119, 66, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 66, 106) }
```

Border

The CSS property to change the border of an element to YUV 86.4070, 9.6593, 28.5841 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(119, 66, 106) }
```


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

```
.border{ border-color:rgb(119, 66, 106) }
```

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

Here you see how a box with a 4 pixel rgb(119, 66, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 66, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 66, 106);  
box-shadow:4px 4px 4px 4px rgb(119, 66,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 86.4070, 9.6593, 28.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 66, 106) }
```

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

```
.background{ background-color: rgb(119, 66,  
106) }
```

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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