

Converting Colors

YUV(86.8470, 12.4004, 36.0912)

Have a look what the booklet for
YUV(86.8470, 12.4004, 36.0912)
contains.

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Color

**YUV(86.8470, 12.4004,
36.0912)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 803D70 |
| RGB | 128, 61, 112 |
| RGB Percent | 50%, 24%, 44% |
| CMY | 0.4980, 0.7608, 0.5608 |
| CMYK | 0.00, 0.52, 0.12, 0.50 |
| HSL | 314°, 35%, 37% |
| HSV | 314°, 52%, 50% |
| XYZ | 13.4955, 9.0965, 16.3738 |
| YIQ | 86.8470, 23.5610, 30.0650 |

Conversions

Conversions Part 2

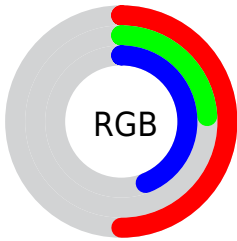
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 128, 61, 112 |
| Decimal | 8404336 |
| CIE Lab | 36.17, 35.98, -16.41 |
| CIE LCh | 36, 39.544, 335.485 |
| Yxy | 9.0965, 0.3463, 0.2334 |
| Android (android.graphics.Color) | 4286594416 (0xFF803D70) |
| YUV | 86.8470, 12.4004, 36.0912 |
| Hunter-Lab | 30.1605, 27.0900, -11.0755 |

Details

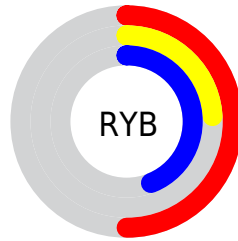
The YUV color **86.8470, 12.4004, 36.0912** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.1530, -12.4004, -36.0912**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2710, 12.6844, 38.3503**, and **35.6020, 14.0002, 36.3060** is the 20% darker color. If you saturate the color by 10%, you get **78.8740, 14.8521, 43.0835**, and if you desaturate by 10%, it is **94.8200, 9.9487, 29.0989**.

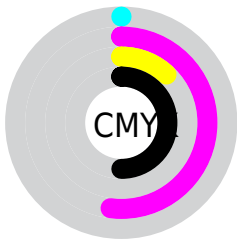
Distribution



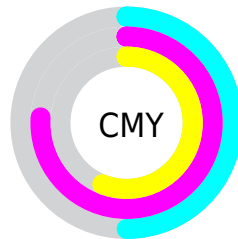
- Red (50%)
- Green (24%)
- Blue (44%)



- Red (50%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (52%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8470, 12.4004, 36.0912 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 86.8470, 12.4004, 36.0912 by changing the saturation by 10% instead.

86.8470, 12.4004,
36.0912

86.8470, 12.4004,
36.0912

255.0000, 0.0000,
0.0000

61.5480, 12.5478,
35.4764

138.2710, 12.6844,
38.3503

35.6020, 14.0002,
36.3060

165.2820, 12.6790,
40.0947

20.3360, 10.6804,
27.7693

192.6950, 12.9684,
40.6095

11.0650, 4.8980,
15.7290

217.1070, 14.7372,
33.2322

0.0000, 0.0000,
0.0000

234.4550, 10.1287,
18.0180

251.4780, 1.7363,

3.0888

■ 86.8470, 12.4004,
36.0912

■ 86.8470, 12.4004,
36.0912

■ 78.8740, 14.8521,
43.0835

■ 94.8200, 9.9487,
29.0989

■ 70.9010, 17.3038,
50.0758

■ 102.7930, 7.4971,
22.1065

■ 63.5150, 19.4661,
56.5533

■ 110.1790, 5.3348,
15.6290

■ 55.5420, 21.9178,
63.5457

■ 118.1520, 2.8831,
8.6367

■ 49.3300, 23.5013,
68.9936

■ 126.1250, 0.4314,
1.6444

■ 134.0980, -2.0203,
-5.3479

■ 142.0710, -4.4720,
-12.3403

■ 149.4570, -6.6343,
-18.8178

■ 157.5440, -8.6492,
-25.9101

Harmonies

Analogous

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



87.1620, 24.5701, 5.9969



86.8470, 12.4004, 36.0912



83.9770, -1.4677, 50.8862

Triad

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



86.8470, 12.4004, 36.0912



80.3090, -32.1973, 13.7610



71.9070, 24.2028, -63.0624

Complementary

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



86.8470, 12.4004, 36.0912



102.1530, -12.4004, -36.0912

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.



68.9600, 10.3727, -60.4779



86.8470, 12.4004, 36.0912



77.4350, -23.3855, -12.6595

Square

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



86.8470, 12.4004, 36.0912



82.7660, -28.4786, 34.4082



64.0240, -3.4628, -56.1490



71.9530, 34.5332, -63.1028

Rectangle

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



86.8470, 12.4004, 36.0912



83.3440, -11.5086, 51.4413



64.0240, -3.4628, -56.1490



71.3540, 19.5455, -62.5775

Sweetspot

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



86.8470, 12.4004, 36.0912



149.3530, 4.7560, 14.5994



73.4220, 26.9070, 3.1379



74.1520, 2.8831, 8.6367



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.



86.8470, 12.4004, 36.0912



101.5150, 19.4661, 56.5533



83.0850, -2.0139, 39.3905



59.6630, 1.1521, 3.8035



49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.8470, 12.4004, 36.0912



101.5150, 19.4661, 56.5533



105.9150, 2.0139, -39.3905



59.6630, 1.1521, 3.8035



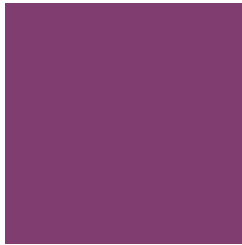
49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.8470, 12.4004, 36.0912 looks on a white background.

Color Contrast Check

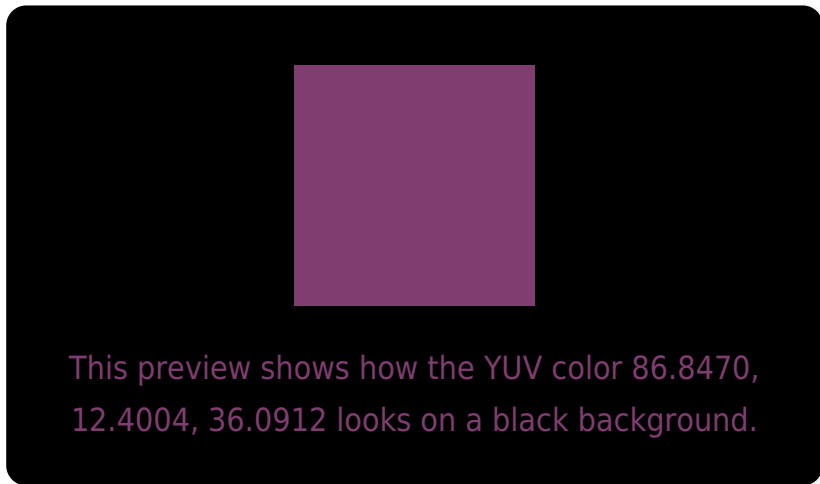
Large Text (above 18pt) WCAG AA ✓ Pass

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

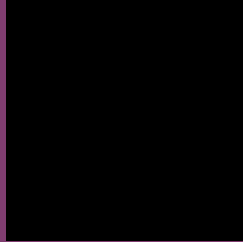
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.8470, 12.4004, 36.0912

Background



This preview shows how black text looks on a background with the YUV color 86.8470, 12.4004, 36.0912.



This preview shows how white text looks on a background with the YUV color 86.8470, 12.4004,

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

86.8470, 12.4004, 36.0912

Protanopia

85.0580, 22.1564, -13.2059

Deuteranopia

86.1380, 10.7780, -3.6290



Tritanopia

86.7160, -5.7760, 32.6981

Trichromacy



Original Color

86.8470, 12.4004, 36.0912

Protanomaly

85.8430, 18.3184, 4.5227

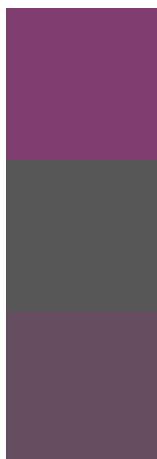
Deuteranomaly

86.6390, 11.0240, 10.8406

Tritanomaly

86.7360, 0.6232, 33.5575

Monochromacy



Original Color

86.8470, 12.4004, 36.0912

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2280, 4.3246, 12.9550

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8470, 12.4004, 36.0912 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(128, 61, 112)` looks like.

```
.text, #text, p{  
    color:rgb(128, 61, 112)  
}
```

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(128, 61, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 61, 112) }
```

Border

The CSS property to change the border of an element to YUV 86.8470, 12.4004, 36.0912 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(128, 61, 112) }
```


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

```
.border{ border-color:rgb(128, 61, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 61, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 61, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 61, 112);  
box-shadow:4px 4px 4px 4px rgb(128, 61,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 86.8470, 12.4004, 36.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 61, 112) }
```

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

```
.background{ background-color: rgb(128, 61,  
112) }
```

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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