

Converting Colors

YUV(89.7070, 8.0324, 37.0910)

Have a look what the booklet for
YUV(89.7070, 8.0324, 37.0910)
contains.

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Color

**YUV(89.7070, 8.0324,
37.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	84416A
RGB	132, 65, 106
RGB Percent	52%, 25%, 42%
CMY	0.4824, 0.7451, 0.5843
CMYK	0.00, 0.51, 0.20, 0.48
HSL	323°, 34%, 39%
HSV	323°, 51%, 52%
XYZ	14.0075, 9.7267, 14.7748
YIQ	89.7070, 26.7710, 26.9550

Conversions

Conversions Part 2

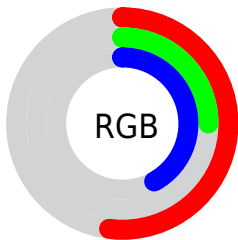
Format	Color
R _Y B	132, 65, 106
Decimal	8667498
CIE Lab	37.35, 34.16, -10.80
CIE LCh	37, 35.825, 342.461
Yxy	9.7267, 0.3637, 0.2526
Android (android.graphics.Color)	4286857578 (0xFF84416A)
YUV	89.7070, 8.0324, 37.0910
Hunter-Lab	31.1877, 25.5923, -6.2566

Details

The YUV color **89.7070, 8.0324, 37.0910** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.2930, -8.0324, -37.0910**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3160, 7.7322, 40.0649**, and **39.4510, 9.6377, 35.5615** is the 20% darker color. If you saturate the color by 10%, you get **81.5060, 9.6105, 44.2832**, and if you desaturate by 10%, it is **97.9080, 6.4544, 29.8987**.

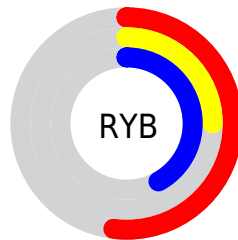
Distribution



Red (52%)

Green (25%)

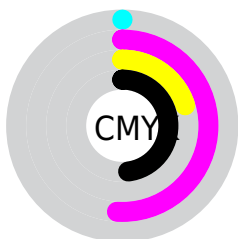
Blue (42%)



Red (52%)

Yellow (25%)

Blue (42%)

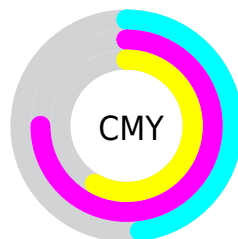


Cyan (0%)

Magenta (51%)

Yellow (20%)

Black (48%)



Cyan (48%)

Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7070, 8.0324, 37.0910 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 89.7070, 8.0324, 37.0910 by changing the saturation by 10% instead.

89.7070, 8.0324,
37.0910

89.7070, 8.0324,
37.0910

255.0000, 0.0000,
0.0000

65.1090, 8.3273,
35.8614

141.3160, 7.7322,
40.0649

39.4510, 9.6377,
35.5615

168.0280, 7.8742,
41.1944

20.6630, 8.0541,
30.1135

195.7400, 8.0162,
42.3240

11.8760, 1.5401,
19.4027

218.6570, 10.5221,
31.8728

0.0000, 0.0000,
0.0000

236.8030, 8.9711,
15.9588

253.8260, 0.5788,

1.0296

■ 89.7070, 8.0324,
37.0910

■ 89.7070, 8.0324,
37.0910

■ 81.5060, 9.6105,
44.2832

■ 97.9080, 6.4544,
29.8987

■ 73.3050, 11.1886,
51.4755

■ 106.1090, 4.8763,
22.7064

■ 64.5170, 13.0561,
59.1826

■ 114.8970, 3.0088,
14.9993

■ 56.3160, 14.6342,
66.3749

■ 123.0980, 1.4307,
7.8071

■ 48.7020, 15.9229,
73.0523

■ 131.4130, 0.2894,
0.5148

■ 139.6140, -1.2887,
-6.6775

■ 147.8150, -2.8668,
-13.8698

■ 156.6030, -4.7343,
-21.5768

■ 164.8040, -6.3124,
-28.7691

Harmonies

Analogous

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



90.3540, 20.0385, 12.8445



89.7070, 8.0324, 37.0910



87.3310, -5.0932, 47.0677

Triad

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



89.7070, 8.0324, 37.0910



83.8290, -27.5237, 8.0430



73.6510, 25.8081, -64.5919

Complementary

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



89.7070, 8.0324, 37.0910



107.2930, -8.0324, -37.0910

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.



71.1600, 13.7251, -62.4073



89.7070, 8.0324, 37.0910



80.0800, -18.2804, -16.7332

Square

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



89.7070, 8.0324, 37.0910



85.7760, -27.0046, 28.2604



67.1530, 0.9106, -58.8932



72.6540, 34.6806, -63.7176

Rectangle

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



89.7070, 8.0324, 37.0910



86.9150, -14.2551, 45.6785



67.1530, 0.9106, -58.8932



73.3260, 22.0243, -64.3069

Sweetspot

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



89.7070, 8.0324, 37.0910



154.5980, 3.1562, 14.3846



80.4120, 25.4329, 9.2857



76.9240, 2.0095, 8.8367



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



89.7070, 8.0324, 37.0910



105.2780, 12.1879, 57.6382



85.9450, -6.3819, 40.3902



62.2500, 0.8628, 3.2888



47.9900, 15.7809, 71.9228



1.1250, 0.4314, 1.6444

Inverse Universe

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



89.7070, 8.0324, 37.0910



105.2780, 12.1879, 57.6382



111.0550, 6.3819, -40.3902



62.2500, 0.8628, 3.2888



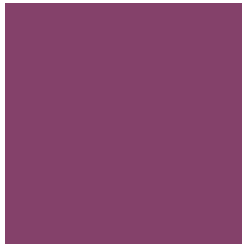
47.9900, 15.7809, 71.9228



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 89.7070, 8.0324, 37.0910 looks on a white background.

Color Contrast Check

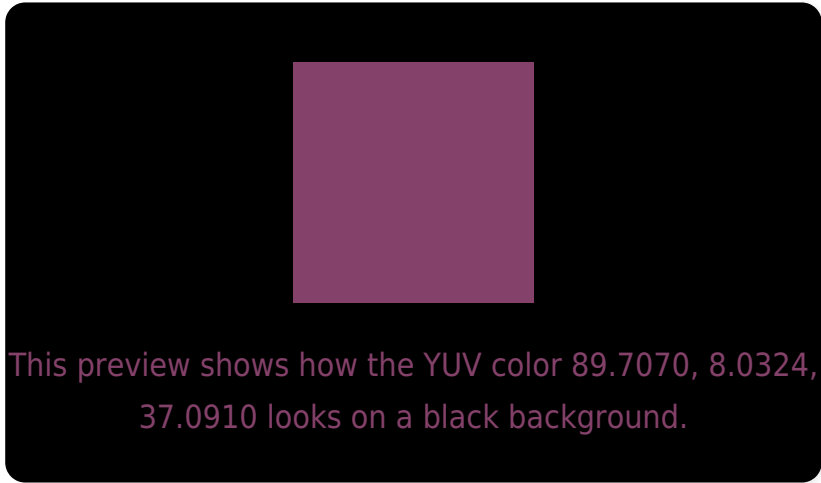
Large Text (above 18pt) WCAG AA ✓ Pass

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

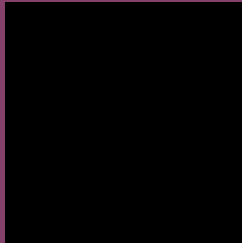
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7070, 8.0324, 37.0910

Background



This preview shows how black text looks on a background with the YUV color 89.7070, 8.0324, 37.0910.



This preview shows how white text looks on a background with the YUV color 89.7070, 8.0324,

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

89.7070, 8.0324, 37.0910

Protanopia

88.2990, 16.6146, -9.0322

Deuteranopia

89.0200, 6.3991, 0.8595



Tritanopia

88.9120, -6.3656, 35.1572

Trichromacy



Original Color

89.7070, 8.0324, 37.0910

Protanomaly

88.8990, 13.3608, 7.9816

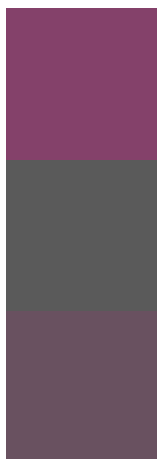
Deuteranomaly

88.9230, 6.9400, 14.0995

Tritanomaly

89.2910, -1.1295, 35.7018

Monochromacy



Original Color

89.7070, 8.0324, 37.0910

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8860, 3.0142, 13.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7070, 8.0324, 37.0910 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(132, 65, 106)` looks like.

```
.text, #text, p{  
    color:rgb(132, 65, 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(132, 65, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 65, 106) }
```

Border

The CSS property to change the border of an element to YUV 89.7070, 8.0324, 37.0910 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(132, 65, 106) }
```


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

```
.border{ border-color:rgb(132, 65, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 65, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 65, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 65, 106);  
box-shadow:4px 4px 4px 4px rgb(132, 65,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 89.7070, 8.0324, 37.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 65, 106) }
```

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

```
.background{ background-color: rgb(132, 65,  
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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