

Converting Colors

YUV(70.8840, 12.8752, 23.7807)

Have a look what the booklet for
YUV(70.8840, 12.8752, 23.7807)
contains.

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Color

**YUV(70.8840, 12.8752,
23.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	623461
RGB	98, 52, 97
RGB Percent	38%, 20%, 38%
CMY	0.6157, 0.7961, 0.6196
CMYK	0.00, 0.47, 0.01, 0.62
HSL	301°, 31%, 29%
HSV	301°, 47%, 38%
XYZ	8.4227, 5.9157, 12.0072
YIQ	70.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

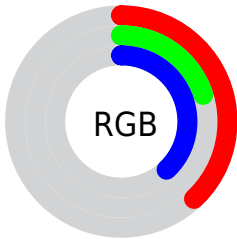
Format	Color
R_{YB}	98, 52, 97
Decimal	6435937
CIE _{Lab}	29.20, 28.09, -17.98
CIE _{LCh}	29, 33.354, 327.381
Yxy	5.9157, 0.3197, 0.2245
Android (android.graphics.Color)	4284626017 (0xFF623461)
YUV	70.8840, 12.8752, 23.7807
Hunter-Lab	24.3223, 19.2496, -12.2442

Details

The YUV color **70.8840, 12.8752, 23.7807** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.1160, -12.8752, -23.7807**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4220, 13.5960, 25.9399**, and **24.1720, 12.7332, 22.6512** is the 20% darker color. If you saturate the color by 10%, you get **65.0140, 15.7691, 28.9287**, and if you desaturate by 10%, it is **76.7540, 9.9813, 18.6327**.

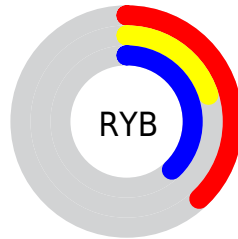
Distribution



Red (38%)

Green (20%)

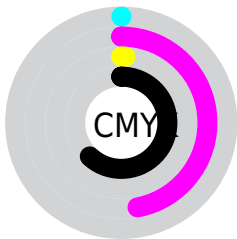
Blue (38%)



Red (38%)

Yellow (20%)

Blue (38%)

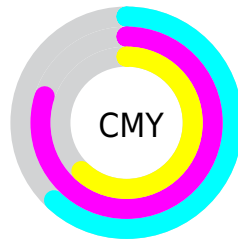


Cyan (0%)

Magenta (47%)

Yellow (1%)

Black (62%)



Cyan (62%)

Magenta (80%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8840, 12.8752, 23.7807 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 70.8840, 12.8752, 23.7807 by changing the saturation by 10% instead.

■ 70.8840, 12.8752,
23.7807

■ 70.8840, 12.8752,
23.7807

■ 255.0000, 0.0000,
0.0000

■ 47.1720, 12.7332,
22.6512

■ 120.4220, 13.5960,
25.9399

■ 24.1720, 12.7332,
22.6512

■ 146.7210, 13.4485,
26.5547

■ 12.6890, 8.5343,
16.0587

■ 173.5470, 14.0273,
27.5843

■ 0.0000, 0.0000,
0.0000

■ 200.9600, 14.3167,
28.0991

■ 226.8240, 13.8908,
24.7104

■ 243.2600, 5.7878,

10.2960

■ 70.8840, 12.8752,
23.7807

■ 70.8840, 12.8752,
23.7807

■ 65.0140, 15.7691,
28.9287

■ 76.7540, 9.9813,
18.6327

■ 59.1440, 18.6630,
34.0767

■ 82.6240, 7.0874,
13.4848

■ 53.7470, 20.8307,
38.8099

■ 88.0210, 4.9196,
8.7516

■ 47.8770, 23.7246,
43.9579

■ 93.8910, 2.0257,
3.6036

■ 42.0070, 26.6185,
49.1059

■ 99.7610, -0.8682,
-1.5444

■ 40.2460, 27.4867,
50.6503

■ 105.6310, -3.7621,
-6.6924

■ 111.5010, -6.6560,
-11.8404

■ 116.8980, -8.8237,
-16.5735

■ 122.7680,
-11.7176, -21.7215

Harmonies

Analogous

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



69.5260, 22.4187, -3.9693



70.8840, 12.8752, 23.7807



68.7090, 1.6225, 39.7202

Triad

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



70.8840, 12.8752, 23.7807



65.9270, -26.0930, 15.8500



58.0350, 16.7447, -50.8967

Complementary

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



70.8840, 12.8752, 23.7807



79.1160, -12.8752, -23.7807

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.



55.0710, 5.3880, -48.2973



70.8840, 12.8752, 23.7807



63.2450, -21.8128, -3.7229

Square

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



70.8840, 12.8752, 23.7807



67.4050, -20.9057, 32.0938



57.8100, -8.7803, -30.5284



58.5540, 26.3489, -51.3519

Rectangle

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



70.8840, 12.8752, 23.7807



67.9560, -6.3873, 42.1346



57.8100, -8.7803, -30.5284



57.0090, 12.8136, -49.9969

Sweetspot

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



70.8840, 12.8752, 23.7807



117.3200, 4.7722, 9.3664



57.5430, 19.9453, -3.9842



57.5430, 3.1833, 5.6628



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



70.8840, 12.8752, 23.7807



85.5080, 19.9626, 37.2655



68.2620, 2.8288, 26.0802



45.6520, 1.1576, 2.0592



46.0280, 31.5382, 57.8574



98.4360, 66.8331, 124.1516

Inverse Universe

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



70.8840, 12.8752, 23.7807



85.5080, 19.9626, 37.2655



81.7380, -2.8288, -26.0802



45.6520, 1.1576, 2.0592



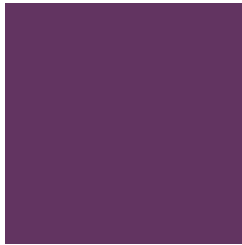
46.0280, 31.5382, 57.8574



98.4360, 66.8331, 124.1516

Previews

White Background



This preview shows how the YUV color 70.8840, 12.8752, 23.7807 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 70.8840, 12.8752, 23.7807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

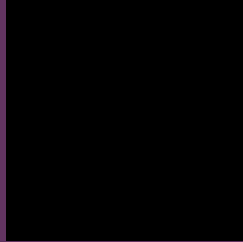
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8840, 12.8752, 23.7807

Background



This preview shows how black text looks on a background with the YUV color 70.8840, 12.8752, 23.7807.



This preview shows how white text looks on a background with the YUV color 70.8840, 12.8752,

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

70.8840, 12.8752, 23.7807

Protanopia

68.3030, 20.5566, -13.4207

Deuteranopia

69.1700, 12.2412, -6.2881



Tritanopia

70.6220, -3.2646, 20.5025

Trichromacy



Original Color

70.8840, 12.8752, 23.7807

Protanomaly

68.9950, 17.7505, 0.0044

Deuteranomaly

69.6490, 12.4980, 4.6928

Tritanomaly

70.5280, 2.6977, 21.4619

Monochromacy



Original Color

70.8840, 12.8752, 23.7807

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8840, 12.8752, 23.7807 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(98, 52, 97)` looks like.

```
.text, #text, p{  
    color:rgb(98, 52, 97)  
}
```

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(98, 52, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 52, 97) }
```

Border

The CSS property to change the border of an element to YUV 70.8840, 12.8752, 23.7807 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(98, 52, 97) }
```


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

```
.border{ border-color:rgb(98, 52, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 52, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 52, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 52, 97);  
box-shadow:4px 4px 4px 4px rgb(98, 52, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.8840, 12.8752, 23.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 52, 97) }
```

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

```
.background{ background-color: rgb(98, 52,  
97) }
```

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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