

Converting Colors

YUV(85.9690, 0.5083, 23.7062)

Have a look what the booklet for
YUV(85.9690, 0.5083, 23.7062)
contains.

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Color

**YUV(85.9690, 0.5083,
23.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	714857
RGB	113, 72, 87
RGB Percent	44%, 28%, 34%
CMY	0.5569, 0.7176, 0.6588
CMYK	0.00, 0.36, 0.23, 0.56
HSL	338°, 22%, 36%
HSV	338°, 36%, 44%
XYZ	10.8477, 8.8336, 10.1501
YIQ	85.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

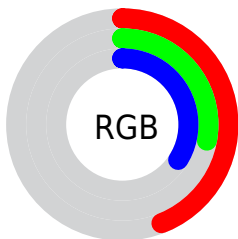
Format	Color
R_{YB}	113, 72, 87
Decimal	7424087
CIE _{Lab}	35.66, 19.85, -1.61
CIE _{LCh}	36, 19.918, 355.356
Yxy	8.8336, 0.3636, 0.2961
Android (android.graphics.Color)	4285614167 (0xFF714857)
YUV	85.9690, 0.5083, 23.7062
Hunter-Lab	29.7213, 13.1369, 0.5568

Details

The YUV color **85.9690, 0.5083, 23.7062** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **99.0310, -0.5083, -23.7062**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2790, 0.3555, 26.0653**, and **39.7730, 1.0979, 21.2471** is the 20% darker color. If you saturate the color by 10%, you get **78.7140, 0.6340, 30.0688**, and if you desaturate by 10%, it is **93.2240, 0.3826, 17.3436**.

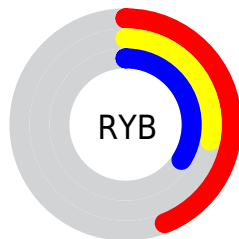
Distribution



Red (44%)

Green (28%)

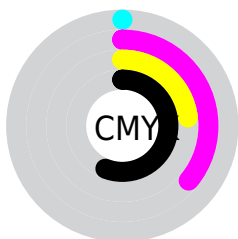
Blue (34%)



Red (44%)

Yellow (28%)

Blue (34%)

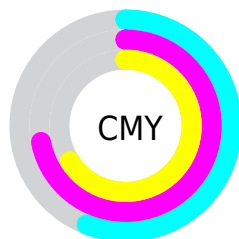


Cyan (0%)

Magenta (36%)

Yellow (23%)

Black (56%)



Cyan (56%)

Magenta (72%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9690, 0.5083, 23.7062 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 85.9690, 0.5083, 23.7062 by changing the saturation by 10% instead.

■ 85.9690, 0.5083,
23.7062

■ 85.9690, 0.5083,
23.7062

255.0000, 0.0000,
0.0000

■ 62.3710, 0.8031,
22.4766

■ 136.2790, 0.3555,
26.0653

■ 39.7730, 1.0979,
21.2471

■ 162.5780, 0.2080,
26.6801

■ 17.5880, 1.6821,
20.5323

■ 189.8770, 0.0606,
27.2949

■ 0.8970, -0.4422,
1.8443

■ 217.5890, 0.2026,
28.4244

■ 0.0000, 0.0000,
0.0000

■ 238.7120, 3.5930,
14.2846

■ 85.9690, 0.5083,
23.7062

■ 85.9690, 0.5083,
23.7062

■ 78.7140, 0.6340,
30.0688

■ 93.2240, 0.3826,
17.3436

■ 70.8720, 1.0491,
36.9463

■ 101.0660, -0.0325,
10.4661

■ 63.6170, 1.1748,
43.3089

■ 108.3210, -0.1583,
4.1035

■ 56.2480, 0.8637,
49.7715

■ 115.6900, 0.1528,
-2.3591

■ 48.9930, 0.9895,
56.1341

■ 123.5320, -0.2623,
-9.2366

■ 41.1510, 1.4046,
63.0116

■ 130.7870, -0.3880,
-15.5992

■ 38.4610, 1.2517,
65.3707

■ 138.0420, -0.5137,
-21.9618

■ 145.2970, -0.6394,

-28.3245

■ 153.1390, -1.0545,
-35.2019

Harmonies

Analogous

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



86.1510, 7.8136, 13.8996



85.9690, 0.5083, 23.7062



85.3300, -7.0647, 26.0206

Triad

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



85.9690, 0.5083, 23.7062



81.5580, -13.0931, -0.4894



76.1340, 16.6959, -35.1975

Complementary

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



85.9690, 0.5083, 23.7062



99.0310, -0.5083, -23.7062

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.



73.7330, 11.4706, -39.2308



85.9690, 0.5083, 23.7062



79.3650, -7.0819, -15.2291

Square

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



85.9690, 0.5083, 23.7062



83.0650, -15.3150, 12.2210



76.0950, 2.4182, -29.0243



80.9340, 16.7945, -20.1131

Rectangle

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



85.9690, 0.5083, 23.7062



84.5810, -11.1324, 24.0465



76.0950, 2.4182, -29.0243



74.7700, 15.3964, -38.3863

Sweetspot

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



85.9690, 0.5083, 23.7062



137.4680, 0.2623, 9.2366



84.4480, 14.0761, 11.8851



67.4460, 0.2731, 5.7479



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



85.9690, 0.5083, 23.7062



105.1710, 0.9017, 37.5610



87.1940, -7.4906, 22.6319



52.1360, 0.4260, 3.3887



40.8960, 1.5303, 69.3742



84.1130, 2.9023, 142.8519

Inverse Universe

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



85.9690, 0.5083, 23.7062



105.1710, 0.9017, 37.5610



97.8060, 7.4906, -22.6319



52.1360, 0.4260, 3.3887



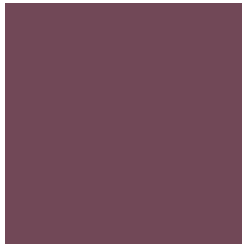
40.8960, 1.5303, 69.3742



84.1130, 2.9023, 142.8519

Previews

White Background



This preview shows how the YUV color 85.9690, 0.5083, 23.7062 looks on a white background.

Color Contrast Check

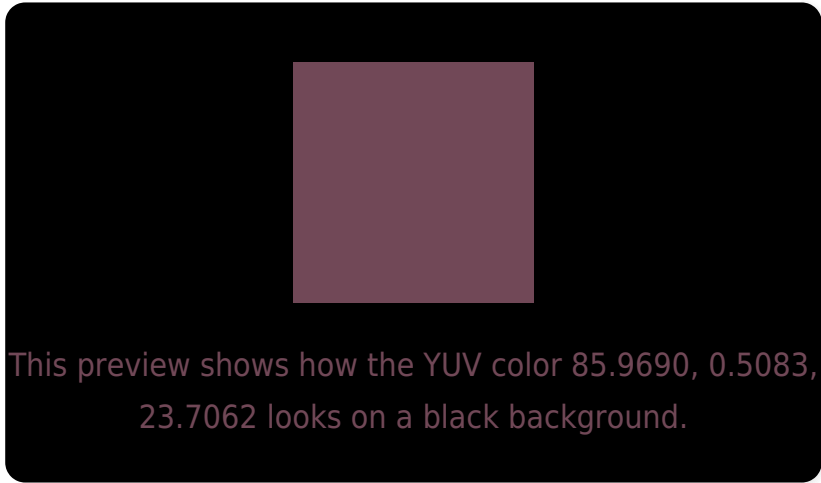
Large Text (above 18pt) WCAG AA ✓ Pass

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

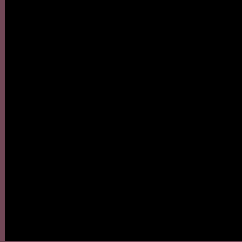
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9690, 0.5083, 23.7062

Background



This preview shows how black text looks on a background with the YUV color 85.9690, 0.5083, 23.7062.



This preview shows how white text looks on a background with the YUV color 85.9690, 0.5083,

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

85.9690, 0.5083, 23.7062

Protanopia

84.8410, 4.5154, -1.6146

Deuteranopia

85.3320, -0.1637, 5.8478



Tritanopia

85.3450, -3.1281, 23.3764

Trichromacy



Original Color

85.9690, 0.5083, 23.7062

Protanomaly

85.4400, 2.7411, 7.5071

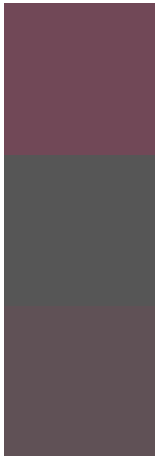
Deuteranomaly

85.4900, 0.2514, 12.7253

Tritanomaly

85.6870, -1.8177, 23.0765

Monochromacy



Original Color

85.9690, 0.5083, 23.7062

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0550, -0.0271, 8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9690, 0.5083, 23.7062 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(113, 72, 87)` looks like.

```
.text, #text, p{  
    color:rgb(113, 72, 87)  
}
```

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(113, 72, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 72, 87) }
```

Border

The CSS property to change the border of an element to YUV 85.9690, 0.5083, 23.7062 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(113, 72, 87) }
```


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

```
.border{ border-color:rgb(113, 72, 87) }
```

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

Here you see how a box with a 4 pixel rgb(113, 72, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 72, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 72, 87);  
box-shadow:4px 4px 4px 4px rgb(113, 72,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 85.9690, 0.5083, 23.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 72, 87) }
```

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

```
.background{ background-color: rgb(113, 72,  
87) }
```

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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