

Converting Colors

YUV(82.7330, 25.2746, 13.3892)

Have a look what the booklet for
YUV(82.7330, 25.2746, 13.3892)
contains.

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Color

**YUV(82.7330, 25.2746,
13.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	624186
RGB	98, 65, 134
RGB Percent	38%, 25%, 53%
CMY	0.6157, 0.7451, 0.4745
CMYK	0.27, 0.51, 0.00, 0.47
HSL	269°, 35%, 39%
HSV	269°, 51%, 53%
XYZ	11.2304, 8.0985, 23.5255
YIQ	82.7330, -2.4810, 28.4550

Conversions

Conversions Part 2

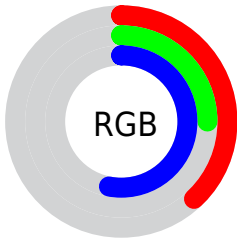
Format	Color
RYB	98, 65, 134
Decimal	6439302
CIELab	34.19, 29.03, -33.48
CIElCh	34, 44.313, 310.924
Yxy	8.0985, 0.2621, 0.1890
Android (android.graphics.Color)	4284629382 (0xFF624186)
YUV	82.7330, 25.2746, 13.3892
Hunter-Lab	28.4579, 20.6405, -29.0933

Details

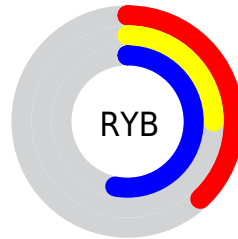
The YUV color **82.7330, 25.2746, 13.3892** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **116.2670, -25.2746, -13.3892**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4990, 26.8690, 15.3484**, and **35.6680, 23.8277, 10.8152** is the 20% darker color. If you saturate the color by 10%, you get **73.0090, 30.0686, 15.7781**, and if you desaturate by 10%, it is **92.4570, 20.4807, 11.0002**.

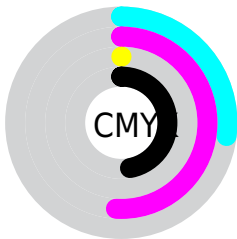
Distribution



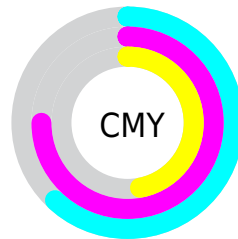
- Red (38%)
- Green (25%)
- Blue (53%)



- Red (38%)
- Yellow (25%)
- Blue (53%)



- Cyan (27%)
- Magenta (51%)
- Yellow (0%)
- Black (47%)



- Cyan (62%)
- Magenta (75%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.7330, 25.2746, 13.3892 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 82.7330, 25.2746, 13.3892 by changing the saturation by 10% instead.

82.7330, 25.2746,
13.3892

82.7330, 25.2746,
13.3892

255.0000, 0.0000,
0.0000

58.7930, 24.2591,
12.4595

133.4990, 26.8690,
15.3484

35.6680, 23.8277,
10.8152

160.0260, 27.5952,
15.7632

14.3150, 22.5227,
9.3707

186.8520, 28.1740,
16.7928

4.3320, 16.5983,
-3.7992

212.9140, 20.7484,
18.4924

2.2970, 6.2626,
-2.0145

235.6290, 9.5499,
16.9884

0.0000, 0.0000,
0.0000

252.0650, 1.4470,

2.5740

■ 82.7330, 25.2746,
13.3892

■ 82.7330, 25.2746,
13.3892

■ 73.0090, 30.0686,
15.7781

■ 92.4570, 20.4807,
11.0002

■ 62.6980, 35.1519,
18.6819

■ 102.7680, 15.3974,
8.0965

■ 52.9740, 39.9458,
21.0708

■ 112.4920, 10.6034,
5.7075

■ 42.6630, 45.0291,
23.9745

■ 122.8030, 5.5201,
2.8038

■ 34.4120, 49.0969,
25.9487

■ 132.5270, 0.7262,
0.4148

■ 142.2510, -4.0677,
-1.9741

■ 152.5620, -9.1511,
-4.8779

■ 162.2860,
-13.9450, -7.2668

■ 172.5970,
-19.0283, -10.1706

Harmonies

Analogous

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



69.4420, 39.7151, -45.1146



82.7330, 25.2746, 13.3892



80.0870, 11.7891, 45.5277

Triad

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



82.7330, 25.2746, 13.3892



76.0450, -35.0252, 34.1635



67.5410, 12.5513, -59.2335

Complementary

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



82.7330, 25.2746, 13.3892



116.2670, -25.2746, -13.3892

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.



62.1490, -3.0315, -54.5047



82.7330, 25.2746, 13.3892



74.1360, -36.5490, 9.5277

Square

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



82.7330, 25.2746, 13.3892



77.0530, -20.2391, 51.6965



69.5650, -23.9425, -20.6665



70.1290, 27.5444, -61.5031

Rectangle

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



82.7330, 25.2746, 13.3892



77.5200, 1.7156, 56.5490



69.5650, -23.9425, -20.6665



65.4720, 7.1623, -57.4189

Sweetspot

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



82.7330, 25.2746, 13.3892



153.8510, 9.4405, 5.3927



94.5850, 19.4316, -25.9460



75.2160, 5.8095, 3.3186



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.



82.7330, 25.2746, 13.3892



93.4470, 39.2196, 20.6560



92.8990, 20.2628, 34.2916



61.5810, 2.1786, 1.2445



33.3580, 47.6445, 25.1190



0.6410, 1.1630, 0.3148

Inverse Universe

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



89.7350, 5.5536, 38.8204



104.3770, 8.6881, 60.1824



106.1010, -20.2628, -34.2916



62.1360, 0.4260, 3.3887



46.6220, 10.5394, 73.1225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 82.7330, 25.2746, 13.3892 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 82.7330, 25.2746, 13.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

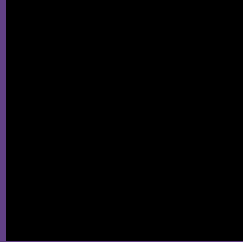
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.7330, 25.2746, 13.3892

Background



This preview shows how black text looks on a background with the YUV color 82.7330, 25.2746, 13.3892.

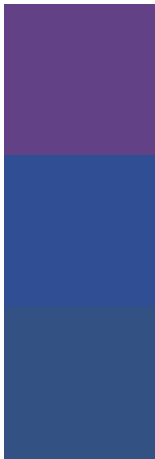


This preview shows how white text looks on a background with the YUV color 82.7330, 25.2746,

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

82.7330, 25.2746, 13.3892

Protanopia

76.5970, 34.7087, -25.9566

Deuteranopia

77.7300, 26.2621, -23.4422



Tritanopia

81.3860, 1.2887, 6.6775

Trichromacy



Original Color

82.7330, 25.2746, 13.3892

Protanomaly

78.7730, 31.1709, -11.2019

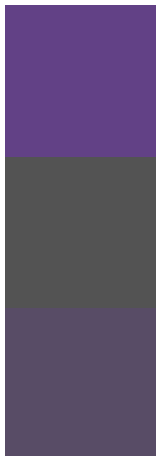
Deuteranomaly

79.4050, 25.9293, -10.0022

Tritanomaly

81.9870, 9.8664, 8.7814

Monochromacy



Original Color

82.7330, 25.2746, 13.3892

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.5520, 9.5879, 4.7779

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7330, 25.2746, 13.3892 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, 65, 134)` looks like.

```
.text, #text, p{  
    color:rgb(98, 65, 134)  
}
```

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, 65, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 65, 134) }
```

Border

The CSS property to change the border of an element to YUV 82.7330, 25.2746, 13.3892 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, 65, 134) }
```


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

```
.border{ border-color:rgb(98, 65, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 65, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 65, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 65, 134);  
box-shadow:4px 4px 4px 4px rgb(98, 65,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 82.7330, 25.2746, 13.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 65, 134) }
```

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

```
.background{ background-color: rgb(98, 65,  
134) }
```

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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