

Converting Colors

YUV(82.8650, 25.2096, 34.3214)

Have a look what the booklet for
YUV(82.8650, 25.2096, 34.3214)
contains.

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Color

**YUV(82.8650, 25.2096,
34.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	7A3586
RGB	122, 53, 134
RGB Percent	48%, 21%, 53%
CMY	0.5216, 0.7922, 0.4745
CMYK	0.09, 0.60, 0.00, 0.47
HSL	291°, 43%, 37%
HSV	291°, 60%, 53%
XYZ	13.6022, 8.4050, 23.4597
YIQ	82.8650, 15.1230, 39.8190

Conversions

Conversions Part 2

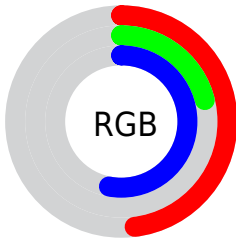
Format	Color
R_{YB}	122, 53, 134
Decimal	8009094
CIE _{Lab}	34.81, 42.51, -32.29
CIE _{LCh}	35, 53.387, 322.781
Yxy	8.4050, 0.2992, 0.1849
Android (android.graphics.Color)	4286199174 (0xFF7A3586)
YUV	82.8650, 25.2096, 34.3214
Hunter-Lab	28.9914, 33.0139, -27.6831

Details

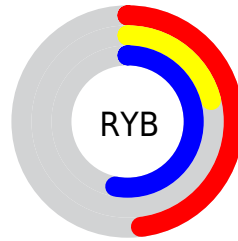
The YUV color **82.8650, 25.2096, 34.3214** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **104.1350, -25.2096, -34.3214**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1040, 26.0777, 35.8658**, and **30.5060, 26.3725, 34.6362** is the 20% darker color. If you saturate the color by 10%, you get **74.6360, 29.2665, 39.7842**, and if you desaturate by 10%, it is **91.0940, 21.1527, 28.8586**.

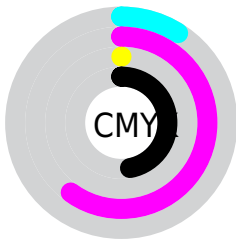
Distribution



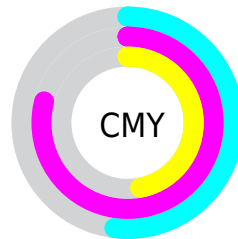
- Red (48%)
- Green (21%)
- Blue (53%)



- Red (48%)
- Yellow (21%)
- Blue (53%)



- Cyan (9%)
- Magenta (60%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (79%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8650, 25.2096, 34.3214 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 82.8650, 25.2096, 34.3214 by changing the saturation by 10% instead.

82.8650, 25.2096,
34.3214

82.8650, 25.2096,
34.3214

255.0000, 0.0000,
0.0000

56.8650, 25.2096,
34.3214

135.1040, 26.0777,
35.8658

30.5060, 26.3725,
34.6362

162.2290, 26.5091,
37.5102

20.5940, 19.4272,
22.2811

189.9410, 26.6511,
38.6397

10.3120, 13.6502,
8.4964

213.3230, 20.5468,
36.5507

2.1830, 5.8258,
-1.9145

229.7590, 12.4438,
22.1364

0.0000, 0.0000,
0.0000

246.7820, 4.0515,

■ 82.8650, 25.2096,
34.3214

■ 82.8650, 25.2096,
34.3214

■ 74.6360, 29.2665,
39.7842

■ 91.0940, 21.1527,
28.8586

■ 65.8200, 33.6127,
45.7619

■ 99.9100, 16.8064,
22.8809

■ 57.5910, 37.6696,
51.2247

■ 108.1390, 12.7495,
17.4181

■ 49.3620, 41.7265,
56.6875

■ 116.9550, 8.4032,
11.4405

■ 125.1840, 4.3463,
5.9776

■ 133.4130, 0.2894,
0.5148

■ 142.2290, -4.0569,
-5.4628

■ 150.4580, -8.1138,
-10.9257

■ 159.2740,
-12.4601, -16.9033

Harmonies

Analogous

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



78.5250, 40.6602, -21.5084



82.8650, 25.2096, 34.3214



74.6490, 9.5400, 66.9598

Triad

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



82.8650, 25.2096, 34.3214



77.2030, -38.0611, 27.8860



71.6960, 20.8559, -62.8774

Complementary

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



82.8650, 25.2096, 34.3214



104.1350, -25.2096, -34.3214

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.



66.6800, 1.6368, -58.4784



82.8650, 25.2096, 34.3214



72.8740, -35.9269, -3.3975

Square

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



82.8650, 25.2096, 34.3214



75.7470, -32.9063, 54.5959



59.2020, -16.8616, -51.9202



74.5120, 36.7226, -65.3470

Rectangle

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



82.8650, 25.2096, 34.3214



72.3650, -3.1379, 73.3479



59.2020, -16.8616, -51.9202



70.6870, 14.4513, -61.9925

Sweetspot

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



82.8650, 25.2096, 34.3214



153.6070, 9.5607, 13.4997



69.2780, 31.9079, -14.2758



74.9500, 5.9406, 7.9368



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.



82.8650, 25.2096, 34.3214



93.6560, 39.1166, 53.7987



83.2610, 11.2103, 44.4981



62.1790, 1.8838, 2.4740



48.0090, 40.4216, 55.2431



0.9400, 1.0156, 0.9296

Inverse Universe

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



78.5870, -6.6984, 48.5972



86.8400, -10.2741, 75.5623



103.7390, -11.2103, -44.4981



61.9080, -0.4476, 3.5887



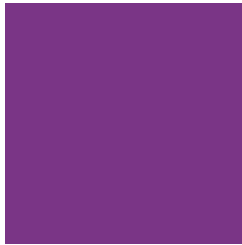
41.0360, -10.8637, 78.0214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 82.8650, 25.2096, 34.3214 looks on a white background.

Color Contrast Check

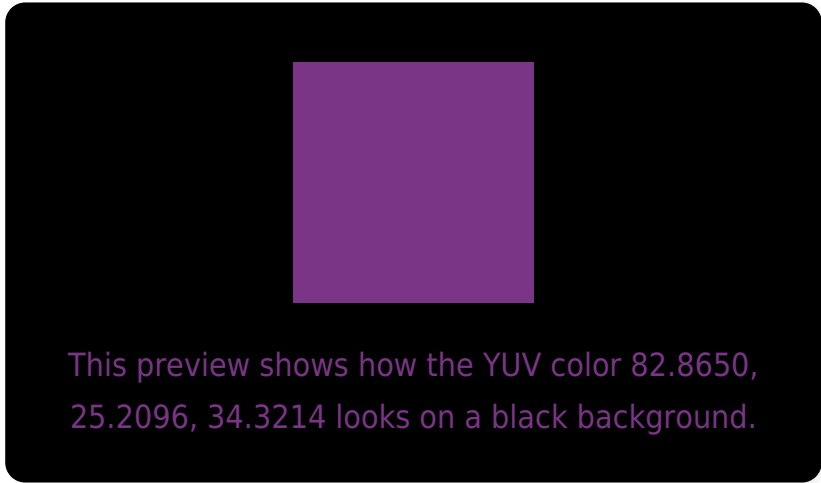
Large Text (above 18pt) WCAG AA ✓ Pass

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

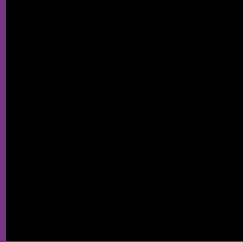
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8650, 25.2096, 34.3214

Background



This preview shows how black text looks on a background with the YUV color 82.8650, 25.2096, 34.3214.



This preview shows how white text looks on a background with the YUV color 82.8650, 25.2096,

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

82.8650, 25.2096, 34.3214

Protanopia

75.9640, 41.4297, -35.0484

Deuteranopia

80.1820, 24.0673, -19.4536



Tritanopia

83.7260, -4.3019, 26.5503

Trichromacy



Original Color

82.8650, 25.2096, 34.3214

Protanomaly

78.3370, 35.8229, -9.9425

Deuteranomaly

80.8300, 24.7338, 0.1491

Tritanomaly

83.4950, 6.1650, 29.3839

Monochromacy



Original Color

82.8650, 25.2096, 34.3214

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8950, 9.4188, 12.3701

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8650, 25.2096, 34.3214 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(122, 53, 134)` looks like.

```
.text, #text, p{  
    color:rgb(122, 53, 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(122, 53, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 53, 134) }
```

Border

The CSS property to change the border of an element to YUV 82.8650, 25.2096, 34.3214 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(122, 53, 134) }
```


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

```
.border{ border-color:rgb(122, 53, 134) }
```

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

Here you see how a box with a 4 pixel rgb(122, 53, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 53, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 53, 134);  
box-shadow:4px 4px 4px 4px rgb(122, 53,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 82.8650, 25.2096, 34.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 53, 134) }
```

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

```
.background{ background-color: rgb(122, 53,  
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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