

Converting Colors

YUV(82.6530, 36.6531, 3.8123)

Have a look what the booklet for
YUV(82.6530, 36.6531, 3.8123)
contains.

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Color

**YUV(82.6530, 36.6531,
3.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	57429D
RGB	87, 66, 157
RGB Percent	34%, 26%, 62%
CMY	0.6588, 0.7412, 0.3843
CMYK	0.45, 0.58, 0.00, 0.38
HSL	254°, 41%, 44%
HSV	254°, 58%, 62%
XYZ	11.9645, 8.3570, 32.8807
YIQ	82.6530, -16.6950, 32.7530

Conversions

Conversions Part 2

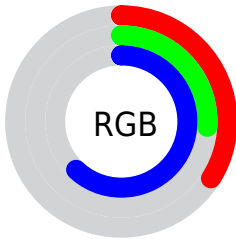
Format	Color
R _Y B	87, 66, 157
Decimal	5718685
CIE Lab	34.72, 31.98, -46.74
CIE LCh	35, 56.636, 304.383
Yxy	8.3570, 0.2249, 0.1571
Android (android.graphics.Color)	4283908765 (0xFF57429D)
YUV	82.6530, 36.6531, 3.8123
Hunter-Lab	28.9085, 23.2870, -47.2011

Details

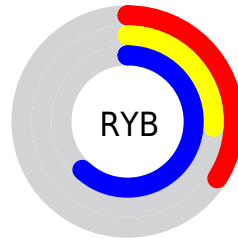
The YUV color **82.6530, 36.6531, 3.8123** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **140.3470, -36.6531, -3.8123**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8320, 38.5368, 6.2863**, and **33.5660, 35.2170, -2.2504** is the 20% darker color. If you saturate the color by 10%, you get **69.6730, 43.0522, 4.6718**, and if you desaturate by 10%, it is **95.6330, 30.2539, 2.9529**.

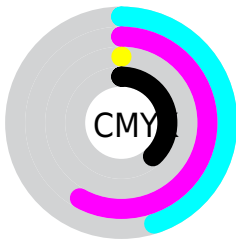
Distribution



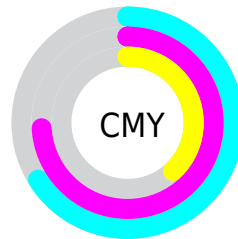
- Red (34%)
- Green (26%)
- Blue (62%)



- Red (34%)
- Yellow (26%)
- Blue (62%)



- Cyan (45%)
- Magenta (58%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (74%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6530, 36.6531, 3.8123 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 82.6530, 36.6531, 3.8123 by changing the saturation by 10% instead.

82.6530, 36.6531,
3.8123

82.6530, 36.6531,
3.8123

255.0000, 0.0000,
0.0000

58.0010, 35.4955,
1.7531

133.8320, 38.5368,
6.2863

33.5660, 35.2170,
-2.2504

160.7720, 39.5524,
7.2160

9.1200, 34.9438,
-7.9982

186.0020, 34.0160,
9.6452

6.3840, 24.4607,
-5.5988

210.5220, 21.9277,
13.5742

5.0500, 14.2723,
-4.4289

235.6290, 9.5499,
16.9884

0.9120, 3.4944,
-0.7998

252.6520, 1.1576,

0.0000, 0.0000,

2.0592

0.0000

■ 82.6530, 36.6531,
3.8123

■ 82.6530, 36.6531,
3.8123

■ 69.6730, 43.0522,
4.6718

■ 95.6330, 30.2539,
2.9529

■ 57.2800, 49.1620,
5.0164

■ 108.0260, 24.1442,
2.6082

■ 44.3000, 55.5611,
5.8759

■ 121.0060, 17.7450,
1.7487

■ 31.3200, 61.9602,
6.7354

■ 133.9860, 11.3459,
0.8893

■ 28.6620, 63.2706,
6.4354

■ 146.9660, 4.9468,
0.0298

■ 159.3590, -1.1630,
-0.3148

■ 172.6380, -7.7095,
-0.5595

■ 185.6180,
-14.1087, -1.4190

■ 198.0110,
-20.2184, -1.7636

Harmonies

Analogous

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



70.2040, 50.6784, -61.5689



82.6530, 36.6531, 3.8123



78.3620, 21.5135, 53.1795

Triad

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



82.6530, 36.6531, 3.8123



76.4380, -37.6839, 46.9739



69.2050, 8.7729, -60.6928

Complementary

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



82.6530, 36.6531, 3.8123



140.3470, -36.6531, -3.8123

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.



62.6730, -11.1778, -54.9642



82.6530, 36.6531, 3.8123



76.2400, -37.5863, 15.5755

Square

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



82.6530, 36.6531, 3.8123



72.4020, -19.4252, 70.6844



68.3450, -33.6941, -19.5966



74.3350, 28.4288, -65.1918

Rectangle

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



82.6530, 36.6531, 3.8123



69.7470, 10.9707, 74.7669



68.3450, -33.6941, -19.5966



66.7940, 2.0736, -58.5783

Sweetspot

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



82.6530, 36.6531, 3.8123



175.3820, 14.1087, 1.4190



118.0510, 19.2019, -45.6487



85.4760, 8.1463, 0.4595



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



82.6530, 36.6531, 3.8123



87.1690, 57.5977, 5.9908



95.8090, 30.1672, 30.8625



72.5100, 3.1996, 0.4297



26.1690, 57.5977, 5.9908



2.9060, 5.9623, 0.9594

Inverse Universe

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



101.1890, 17.1618, 48.9462



116.2970, 26.9686, 76.9155



127.1910, -30.1672, -30.8625



74.0760, 1.4415, 4.3183



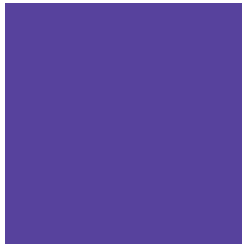
55.2970, 26.9686, 76.9155



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 82.6530, 36.6531, 3.8123 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 82.6530, 36.6531, 3.8123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

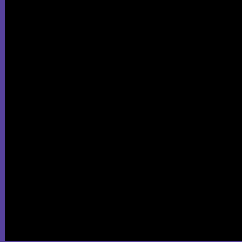
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6530, 36.6531, 3.8123

Background



This preview shows how black text looks on a background with the YUV color 82.6530, 36.6531, 3.8123.



This preview shows how white text looks on a background with the YUV color 82.6530, 36.6531,

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

82.6530, 36.6531, 3.8123

Protanopia

65.5250, 50.5202, -57.4654

Deuteranopia

65.4790, 40.1899, -57.4251



Tritanopia

80.6120, 5.1213, -9.3067

Trichromacy



Original Color

82.6530, 36.6531, 3.8123

Protanomaly

71.7020, 45.5029, -34.8187

Deuteranomaly

71.9810, 38.9564, -35.0633

Tritanomaly

81.0330, 16.7457, -4.4139

Monochromacy



Original Color

82.6530, 36.6531, 3.8123

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8550, 13.3825, 1.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6530, 36.6531, 3.8123 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(87, 66, 157)` looks like.

```
.text, #text, p{  
    color:rgb(87, 66, 157)  
}
```

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(87, 66, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 66, 157) }
```

Border

The CSS property to change the border of an element to YUV 82.6530, 36.6531, 3.8123 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(87, 66, 157) }
```


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

```
.border{ border-color:rgb(87, 66, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 66, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 66, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 66, 157);  
box-shadow:4px 4px 4px 4px rgb(87, 66,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 82.6530, 36.6531, 3.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 66, 157) }
```

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

```
.background{ background-color: rgb(87, 66,  
157) }
```

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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