

Converting Colors

YUV(81.5600, 27.8249, 35.4659)

Have a look what the booklet for
YUV(81.5600, 27.8249, 35.4659)
contains.

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Color

**YUV(81.5600, 27.8249,
35.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	7A328A
RGB	122, 50, 138
RGB Percent	48%, 20%, 54%
CMY	0.5216, 0.8039, 0.4588
CMYK	0.12, 0.64, 0.00, 0.46
HSL	289°, 47%, 37%
HSV	289°, 64%, 54%
XYZ	13.7541, 8.2538, 24.9130
YIQ	81.5600, 14.6640, 42.6320

Conversions

Conversions Part 2

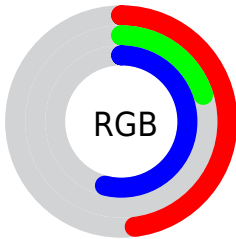
Format	Color
R_{YB}	122, 50, 138
Decimal	8008330
CIE _{Lab}	34.51, 44.81, -35.25
CIE _{LCh}	35, 57.008, 321.809
Yxy	8.2538, 0.2931, 0.1759
Android (android.graphics.Color)	4286198410 (0xFF7A328A)
YUV	81.5600, 27.8249, 35.4659
Hunter-Lab	28.7294, 35.1799, -31.3034

Details

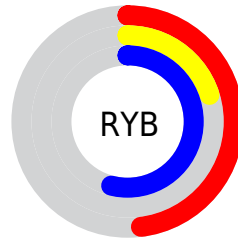
The YUV color **81.5600, 27.8249, 35.4659** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **106.4400, -27.8249, -35.4659**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0980, 28.5457, 37.6251**, and **30.8480, 27.6829, 34.3363** is the 20% darker color. If you saturate the color by 10%, you get **72.4450, 32.3186, 40.8287**, and if you desaturate by 10%, it is **90.6750, 23.3312, 30.1030**.

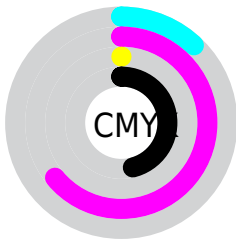
Distribution



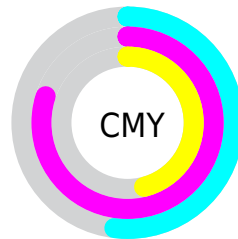
- Red (48%)
- Green (20%)
- Blue (54%)



- Red (48%)
- Yellow (20%)
- Blue (54%)



- Cyan (12%)
- Magenta (64%)
- Yellow (0%)
- Black (46%)



- Cyan (52%)
- Magenta (80%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.5600, 27.8249, 35.4659 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 81.5600, 27.8249, 35.4659 by changing the saturation by 10% instead.

81.5600, 27.8249,
35.4659

81.5600, 27.8249,
35.4659

255.0000, 0.0000,
0.0000

54.9730, 28.1143,
35.9807

134.0980, 28.5457,
37.6251

30.8480, 27.6829,
34.3363

160.9240, 29.1245,
38.6547

20.7510, 21.3218,
21.2664

188.7500, 29.7033,
39.6843

10.3550, 15.1080,
7.5817

212.1490, 21.1255,
37.5803

2.7530, 8.0098,
-2.4144

228.5850, 13.0226,
23.1660

0.0000, 0.0000,
0.0000

245.6080, 4.6303,

■ 81.5600, 27.8249,
35.4659

■ 81.5600, 27.8249,
35.4659

■ 72.4450, 32.3186,
40.8287

■ 90.6750, 23.3312,
30.1030

■ 63.6290, 36.6649,
46.8064

■ 99.4910, 18.9849,
24.1254

■ 55.1010, 40.8692,
51.6544

■ 108.0190, 14.7806,
19.2773

■ 49.5190, 43.6211,
55.6728

■ 116.8350, 10.4343,
13.2997

■ 125.9500, 5.9407,
7.9369

■ 134.7660, 1.5944,
1.9592

■ 143.8810, -2.8993,
-3.4036

■ 152.1100, -6.9562,
-8.8665

■ 161.2250,
-11.4499, -14.2293

Harmonies

Analogous

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



75.5070, 44.6130, -29.3856



81.5600, 27.8249, 35.4659



69.9040, 12.8653, 73.7522

Triad

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



81.5600, 27.8249, 35.4659



76.9150, -37.9191, 29.0155



72.2830, 20.5665, -63.3922

Complementary

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



81.5600, 27.8249, 35.4659



106.4400, -27.8249, -35.4659

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.



66.3380, 0.3264, -58.1784



81.5600, 27.8249, 35.4659



72.5750, -35.7795, -4.0123

Square

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



81.5600, 27.8249, 35.4659



73.6120, -34.8117, 59.0993



58.1760, -20.7928, -51.0204



74.8540, 38.0330, -65.6470

Rectangle

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



81.5600, 27.8249, 35.4659



66.1040, -0.5443, 81.4698



58.1760, -20.7928, -51.0204



70.5730, 14.0145, -61.8925

Sweetspot

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



81.5600, 27.8249, 35.4659



156.9490, 10.8711, 13.1997



69.4240, 33.8080, -17.0348



76.3630, 6.2300, 8.4516



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



81.5600, 27.8249, 35.4659



90.5190, 43.6211, 55.6728



83.1520, 13.2361, 48.1017



64.5920, 2.1731, 2.9888



47.4540, 42.1742, 53.0988



1.7660, 1.5944, 1.9592

Inverse Universe

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



78.1360, -5.9830, 52.5007



85.1120, -9.4222, 82.3398



104.8480, -13.2361, -48.1017



64.2070, -0.5951, 4.2035



42.5030, -9.1220, 79.3659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 81.5600, 27.8249, 35.4659 looks on a white background.

Color Contrast Check

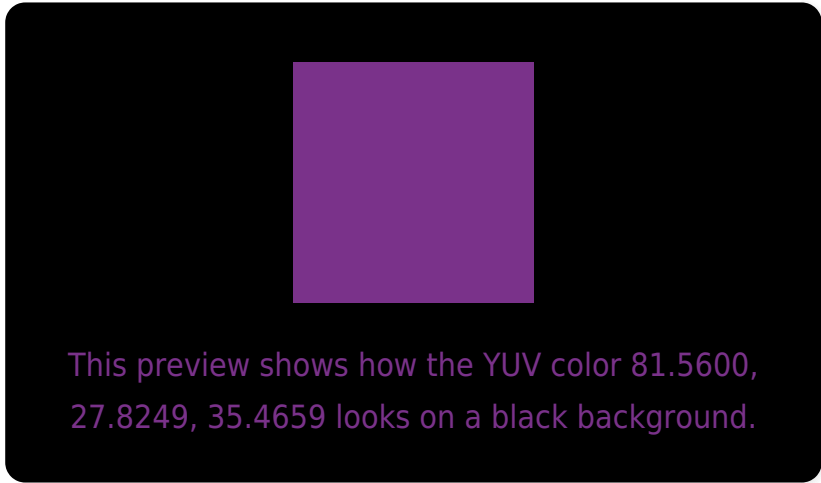
Large Text (above 18pt) WCAG AA ✓ Pass

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

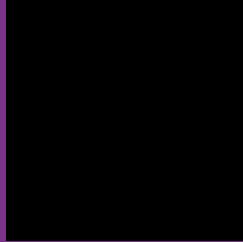
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.5600, 27.8249, 35.4659

Background



This preview shows how black text looks on a background with the YUV color 81.5600, 27.8249, 35.4659.



This preview shows how white text looks on a background with the YUV color 81.5600, 27.8249,

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

81.5600, 27.8249, 35.4659

Protanopia

69.8960, 47.8723, -48.1438

Deuteranopia

78.7300, 26.2621, -23.4422



Tritanopia

82.7260, -4.3019, 26.5503

Trichromacy



Original Color

81.5600, 27.8249, 35.4659

Protanomaly

73.8460, 40.5019, -17.4049

Deuteranomaly

79.3890, 26.9232, -2.0952

Tritanomaly

82.1360, 7.3280, 29.6987

Monochromacy



Original Color

81.5600, 27.8249, 35.4659

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7210, 9.9975, 13.3997

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5600, 27.8249, 35.4659 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, 50, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 50, 138)  
}
```

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, 50, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 50, 138) }
```

Border

The CSS property to change the border of an element to YUV 81.5600, 27.8249, 35.4659 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, 50, 138) }
```


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

```
.border{ border-color:rgb(122, 50, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 50, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 50, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 50, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 50,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 81.5600, 27.8249, 35.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 50, 138) }
```

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

```
.background{ background-color: rgb(122, 50,  
138) }
```

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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