

Converting Colors

YUV(82.8320, 35.5788, 68.5533)

Have a look what the booklet for
YUV(82.8320, 35.5788, 68.5533)
contains.

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Color

**YUV(82.8320, 35.5788,
68.5533)**

Conversions

Conversions Part 1

Format	Color
Hex	A11D9B
RGB	161, 29, 155
RGB Percent	63%, 11%, 61%
CMY	0.3686, 0.8863, 0.3922
CMYK	0.00, 0.82, 0.04, 0.37
HSL	303°, 69%, 37%
HSV	303°, 82%, 63%
XYZ	21.0537, 10.8224, 31.9896
YIQ	82.8320, 38.2260, 67.1700

Conversions

Conversions Part 2

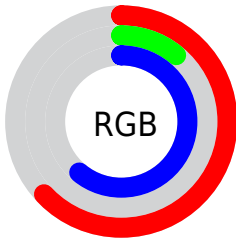
Format	Color
R_{YB}	161, 29, 155
Decimal	10558875
CIE _{Lab}	39.28, 64.25, -37.65
CIE _{LCh}	39, 74.471, 329.633
Yxy	10.8224, 0.3297, 0.1695
Android (android.graphics.Color)	4288748955 (0xFFA11D9B)
YUV	82.8320, 35.5788, 68.5533
Hunter-Lab	32.8973, 56.6664, -34.6259

Details

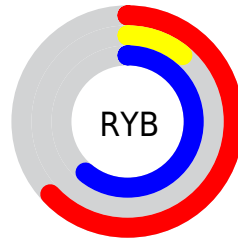
The YUV color **82.8320, 35.5788, 68.5533** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **107.1680, -35.5788, -68.5533**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4250, 32.8215, 66.2793**, and **43.1370, 29.5125, 54.2539** is the 20% darker color. If you saturate the color by 10%, you get **73.3260, 39.7723, 76.8901**, and if you desaturate by 10%, it is **92.3380, 31.3854, 60.2166**.

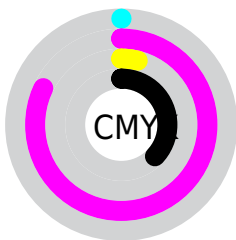
Distribution



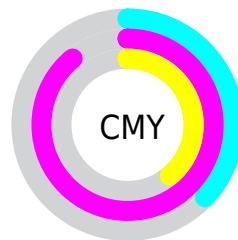
- Red (63%)
- Green (11%)
- Blue (61%)



- Red (63%)
- Yellow (11%)
- Blue (61%)



- Cyan (0%)
- Magenta (82%)
- Yellow (4%)
- Black (37%)



- Cyan (37%)
- Magenta (89%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8320, 35.5788, 68.5533 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 82.8320, 35.5788, 68.5533 by changing the saturation by 10% instead.

82.8320, 35.5788,
68.5533

82.8320, 35.5788,
68.5533

255.0000, 0.0000,
0.0000

54.4730, 36.7418,
68.8682

143.4250, 32.8215,
66.2793

43.1370, 29.5125,
54.2539

172.1370, 32.9635,
67.4089

32.3280, 23.0093,
40.0543

192.1910, 30.9648,
55.0835

22.4160, 16.0639,
27.6992

209.2140, 22.5725,
40.1543

10.0410, 11.3188,
9.6110

226.2370, 14.1802,
25.2252

0.5700, 2.1840,
-0.4999

243.2600, 5.7878,

0.0000, 0.0000,

10.2960

0.0000

■ 82.8320, 35.5788,
68.5533

■ 82.8320, 35.5788,
68.5533

■ 73.3260, 39.7723,
76.8901

■ 92.3380, 31.3854,
60.2166

■ 65.6950, 43.5344,
83.5825

■ 101.7300, 26.7551,
51.9798

■ 111.2360, 22.5617,
43.6430

■ 120.7420, 18.3682,
35.3063

■ 130.8350, 13.8853,
26.4547

■ 140.2270, 9.2551,
18.2179

■ 149.7330, 5.0616,
9.8812

■ 159.2390, 0.8682,
1.5444

■ 168.7450, -3.3253,
-6.7924

Harmonies

Analogous

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



89.5380, 54.4578, -13.6268



82.8320, 35.5788, 68.5533



68.3520, 13.6305, 108.4393

Triad

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



82.8320, 35.5788, 68.5533



86.9160, -42.8496, 23.7527



86.0070, 32.5345, -75.4281

Complementary

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



82.8320, 35.5788, 68.5533



107.1680, -35.5788, -68.5533

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.



78.3520, 5.7425, -68.7147



82.8320, 35.5788, 68.5533



77.7700, -38.3406, -22.6003

Square

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



82.8320, 35.5788, 68.5533



84.2340, -41.5274, 66.4468



68.7250, -23.5284, -60.2718



88.9030, 53.7848, -77.9679

Rectangle

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



82.8320, 35.5788, 68.5533



64.2050, -3.5521, 112.9532



68.7250, -23.5284, -60.2718



83.7270, 23.7986, -73.4286

Sweetspot

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



82.8320, 35.5788, 68.5533



178.2480, 14.1747, 26.9695



45.2440, 57.0677, -10.7380



85.9880, 8.3869, 16.6735



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



82.8320, 35.5788, 68.5533



87.6390, 55.3940, 106.4336



75.5360, 7.6238, 74.9519



76.6030, 2.1677, 4.7332



59.2010, 39.3409, 75.2457



7.3200, 4.7722, 9.3664

Inverse Universe

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



82.8320, 35.5788, 68.5533



87.6390, 55.3940, 106.4336



114.4640, -7.6238, -74.9519



76.6030, 2.1677, 4.7332



59.2010, 39.3409, 75.2457



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 82.8320, 35.5788, 68.5533 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 × Fail

Black Background



This preview shows how the YUV color 82.8320, 35.5788, 68.5533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

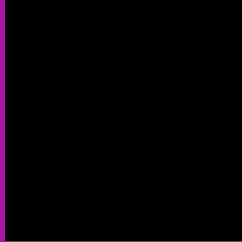
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8320, 35.5788, 68.5533

Background



This preview shows how black text looks on a background with the YUV color 82.8320, 35.5788, 68.5533.



This preview shows how white text looks on a background with the YUV color 82.8320, 35.5788,

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

82.8320, 35.5788, 68.5533

Protanopia

74.7180, 57.8200, -65.5277

Deuteranopia

91.5560, 26.8409, -22.4126



Tritanopia

91.5830, -10.6404, 52.9857

Trichromacy



Original Color

82.8320, 35.5788, 68.5533



Protanomaly

77.9630, 49.8112, -16.6306



Deuteranomaly

88.2750, 29.9374, 11.1598



Tritanomaly

88.3830, 6.2202, 58.4231

Monochromacy



Original Color

82.8320, 35.5788, 68.5533



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

82.5960, 13.0172, 24.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8320, 35.5788, 68.5533 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(161, 29, 155)` looks like.

```
.text, #text, p{  
    color:rgb(161, 29, 155)  
}
```

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(161, 29, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 29, 155) }
```

Border

The CSS property to change the border of an element to YUV 82.8320, 35.5788, 68.5533 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(161, 29, 155) }
```


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

```
.border{ border-color:rgb(161, 29, 155) }
```

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

Here you see how a box with a 4 pixel rgb(161, 29, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 29, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 29, 155);  
box-shadow:4px 4px 4px 4px rgb(161, 29,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 82.8320, 35.5788, 68.5533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 29, 155) }
```

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

```
.background{ background-color: rgb(161, 29,  
155) }
```

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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