

Converting Colors

YUV(69.3000, 35.8411, 77.7899)

Have a look what the booklet for
YUV(69.3000, 35.8411, 77.7899)
contains.

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Color

**YUV(69.3000, 35.8411,
77.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0A8E
RGB	158, 10, 142
RGB Percent	62%, 4%, 56%
CMY	0.3804, 0.9608, 0.4431
CMYK	0.00, 0.94, 0.10, 0.38
HSL	306°, 88%, 33%
HSV	306°, 94%, 62%
XYZ	19.0916, 9.4392, 26.4069
YIQ	69.3000, 45.8360, 72.4280

Conversions

Conversions Part 2

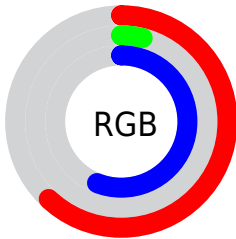
Format	Color
R_{YB}	158, 10, 142
Decimal	10357390
CIE _{Lab}	36.82, 65.17, -33.66
CIE _{LCh}	37, 73.346, 332.682
Yxy	9.4392, 0.3475, 0.1718
Android (android.graphics.Color)	4288547470 (0xFF9E0A8E)
YUV	69.3000, 35.8411, 77.7899
Hunter-Lab	30.7232, 57.1551, -29.4540

Details

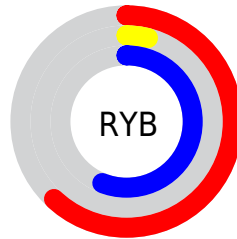
The YUV color **69.3000, 35.8411, 77.7899** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **98.7000, -35.8411, -77.7899**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6490, 29.7530, 70.4678**, and **40.8720, 24.7131, 53.6093** is the 20% darker color. If you saturate the color by 10%, you get **63.3160, 38.2982, 83.0379**, and if you desaturate by 10%, it is **78.9200, 32.0844, 69.3532**.

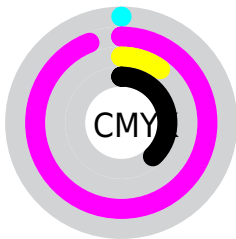
Distribution



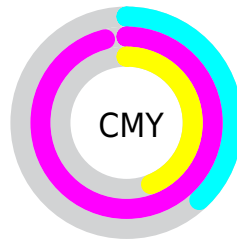
- Red (62%)
- Green (4%)
- Blue (56%)



- Red (62%)
- Yellow (4%)
- Blue (56%)



- Cyan (0%)
- Magenta (94%)
- Yellow (10%)
- Black (38%)



- Cyan (38%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.3000, 35.8411, 77.7899 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 69.3000, 35.8411, 77.7899 by changing the saturation by 10% instead.

■ 69.3000, 35.8411,
77.7899

■ 69.3000, 35.8411,
77.7899

255.0000, 0.0000,
0.0000

■ 52.0940, 31.5057,
68.3236

■ 135.6490, 29.7530,
70.4678

■ 40.8720, 24.7131,
53.6093

■ 164.2470, 29.4582,
71.6974

■ 30.0630, 18.2099,
39.4097

■ 186.6800, 32.6958,
59.9166

■ 19.6670, 11.9962,
25.7250

■ 203.9310, 25.1770,
44.7875

■ 5.1990, 8.2829,
3.3335

■ 220.9540, 16.7847,
29.8583

■ 0.0000, 0.0000,
0.0000

■ 237.9770, 8.3923,

14.9292

■ 69.3000, 35.8411,
77.7899

■ 69.3000, 35.8411,
77.7899

■ 63.3160, 38.2982,
83.0379

■ 78.9200, 32.0844,
69.3532

■ 88.4260, 27.8910,
61.0164

■ 97.4590, 24.4237,
53.0945

■ 107.0790, 20.6671,
44.6577

■ 116.6990, 16.9104,
36.2210

■ 126.2050, 12.7169,
27.8842

■ 135.8250, 8.9603,
19.4475

■ 144.8580, 5.4930,
11.5255

■ 154.3640, 1.2995,
3.1888

Harmonies

Analogous

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



84.9800, 50.7889, -3.4905



69.3000, 35.8411, 77.7899



64.5920, 9.5681, 104.7208

Triad

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



69.3000, 35.8411, 77.7899



80.9800, -39.9231, 18.4345



81.6700, 33.6867, -71.6246

Complementary

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



69.3000, 35.8411, 77.7899



98.7000, -35.8411, -77.7899

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.



74.9440, 7.9156, -65.7259



69.3000, 35.8411, 77.7899



69.7630, -34.3932, -28.7332

Square

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



69.3000, 35.8411, 77.7899



79.4720, -39.1797, 60.0991



65.6590, -20.0449, -57.5829



84.2240, 53.6266, -73.8644

Rectangle

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



69.3000, 35.8411, 77.7899



59.9610, -6.8828, 107.9052



65.6590, -20.0449, -57.5829



79.5040, 25.3875, -69.7250

Sweetspot

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



69.3000, 35.8411, 77.7899



172.1560, 13.7271, 30.5582



31.3570, 62.4350, -5.5751



83.4120, 8.6709, 18.9327



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.



69.3000, 35.8411, 77.7899



82.8690, 49.8576, 108.8629



60.9780, 3.9548, 85.0883



74.1900, 1.8783, 4.2184



57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Inverse Universe

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



69.3000, 35.8411, 77.7899



82.8690, 49.8576, 108.8629



107.0220, -3.9548, -85.0883



74.1900, 1.8783, 4.2184



57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 69.3000, 35.8411, 77.7899 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

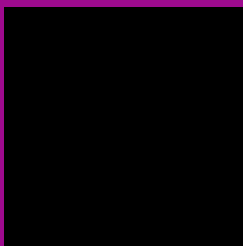
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.3000, 35.8411, 77.7899

Background



This preview shows how black text looks on a background with the YUV color 69.3000, 35.8411, 77.7899.



This preview shows how white text looks on a background with the YUV color 69.3000, 35.8411,

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

69.3000, 35.8411, 77.7899

Protanopia

71.2300, 54.6096, -62.4687

Deuteranopia

87.1500, 22.6040, -16.7946



Tritanopia

84.5620, -12.1091, 57.3891

Trichromacy



Original Color

69.3000, 35.8411, 77.7899



Protanomaly

70.1270, 47.7584, -11.5124



Deuteranomaly

80.9230, 27.1530, 17.6075



Tritanomaly

78.9000, 5.4723, 64.9857

Monochromacy



Original Color

69.3000, 35.8411, 77.7899



Achromatopsia

69.0000, 0.0000, 0.0000



Achromatomaly

69.3190, 13.1537, 27.7842

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3000, 35.8411, 77.7899 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(158, 10, 142)` looks like.

```
.text, #text, p{  
    color:rgb(158, 10, 142)  
}
```

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(158, 10, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 10, 142) }
```

Border

The CSS property to change the border of an element to YUV 69.3000, 35.8411, 77.7899 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(158, 10, 142) }
```


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

```
.border{ border-color:rgb(158, 10, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 10, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 10, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 10, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 10,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 69.3000, 35.8411, 77.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 10, 142) }
```

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

```
.background{ background-color: rgb(158, 10,  
142) }
```

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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