

Converting Colors

YUV(66.2400, 36.8567, 78.7195)

Have a look what the booklet for
YUV(66.2400, 36.8567, 78.7195)
contains.

YUV(66.2400, 36.8567, 78.7195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.2400, 36.8567,
78.7195)**

Conversions

Conversions Part 1

Format	Color
Hex	9C068D
RGB	156, 6, 141
RGB Percent	61%, 2%, 55%
CMY	0.3882, 0.9765, 0.4471
CMYK	0.00, 0.96, 0.10, 0.39
HSL	306°, 93%, 32%
HSV	306°, 96%, 61%
XYZ	18.5831, 9.1213, 25.9804
YIQ	66.2400, 46.0650, 73.7850

Conversions

Conversions Part 2

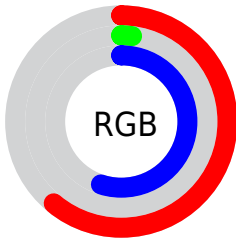
Format	Color
RYB	156, 6, 141
Decimal	10225293
CIELab	36.22, 65.13, -34.02
CIElCh	36, 73.478, 332.419
Yxy	9.1213, 0.3462, 0.1699
Android (android.graphics.Color)	4288415373 (0xFF9C068D)
YUV	66.2400, 36.8567, 78.7195
Hunter-Lab	30.2014, 56.9798, -29.8626

Details

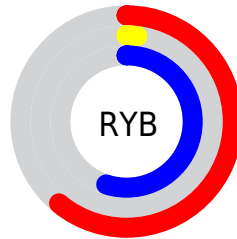
The YUV color **66.2400, 36.8567, 78.7195** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **95.7600, -36.8567, -78.7195**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7630, 30.1898, 70.3678**, and **40.1600, 24.5711, 52.4797** is the 20% darker color. If you saturate the color by 10%, you get **62.6040, 38.1562, 81.9083**, and if you desaturate by 10%, it is **75.8600, 33.1000, 70.2828**.

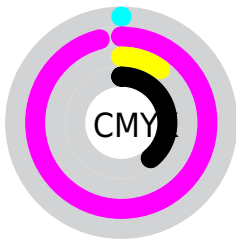
Distribution



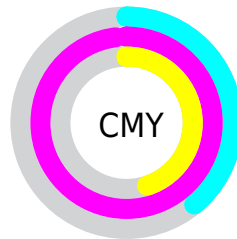
- Red (61%)
- Green (2%)
- Blue (55%)



- Red (61%)
- Yellow (2%)
- Blue (55%)



- Cyan (0%)
- Magenta (96%)
- Yellow (10%)
- Black (39%)



- Cyan (39%)
- Magenta (98%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2400, 36.8567, 78.7195 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 66.2400, 36.8567, 78.7195 by changing the saturation by 10% instead.

66.2400, 36.8567,
78.7195

66.2400, 36.8567,
78.7195

255.0000, 0.0000,
0.0000

51.3820, 31.3637,
67.1940

133.7630, 30.1898,
70.3678

40.1600, 24.5711,
52.4797

162.9480, 29.6056,
71.0826

29.3510, 18.0680,
38.2802

185.9790, 32.5484,
60.5314

19.0690, 12.2910,
24.4955

202.7570, 25.7558,
45.8171

3.2910, 8.7305,
-0.2552

219.7800, 17.3635,
30.8879

0.0000, 0.0000,
0.0000

236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 66.2400, 36.8567,
78.7195

■ 66.2400, 36.8567,
78.7195

■ 62.6040, 38.1562,
81.9083

■ 75.8600, 33.1000,
70.2828

■ 84.7790, 29.1960,
62.4608

■ 94.3990, 25.4393,
54.0241

■ 103.3180, 21.5352,
46.2021

■ 112.9380, 17.7786,
37.7654

■ 122.4440, 13.5851,
29.4286

■ 131.4770, 10.1178,
21.5067

■ 140.9830, 5.9244,
13.1699

■ 150.0160, 2.4571,
5.2480

Harmonies

Analogous

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



83.3820, 51.0837, -4.7200



66.2400, 36.8567, 78.7195



63.8800, 9.4262, 103.5912

Triad

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



66.2400, 36.8567, 78.7195



80.0940, -39.4863, 18.3346



80.2680, 33.3919, -70.3950

Complementary

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



66.2400, 36.8567, 78.7195



95.7600, -36.8567, -78.7195

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.



73.5420, 7.6208, -64.4963



66.2400, 36.8567, 78.7195



68.8770, -33.9564, -28.8331

Square

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



66.2400, 36.8567, 78.7195



77.7000, -38.3061, 59.8991



64.2570, -20.3397, -56.3534



83.4090, 53.0424, -73.1497

Rectangle

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



66.2400, 36.8567, 78.7195



59.2490, -7.0248, 106.7756



64.2570, -20.3397, -56.3534



78.6890, 24.8033, -69.0103

Sweetspot

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



66.2400, 36.8567, 78.7195



168.6830, 14.4533, 30.9730



27.5850, 63.3086, -5.7750



80.4120, 8.6709, 18.9327



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.



66.2400, 36.8567, 78.7195



81.9720, 50.2998, 107.0186



57.6900, 4.0968, 86.2179



74.1900, 1.8783, 4.2184



57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220

Inverse Universe

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



66.2400, 36.8567, 78.7195



81.9720, 50.2998, 107.0186



104.3100, -4.0968, -86.2179



74.1900, 1.8783, 4.2184



57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 66.2400, 36.8567, 78.7195 looks on a white background.

Color Contrast Check

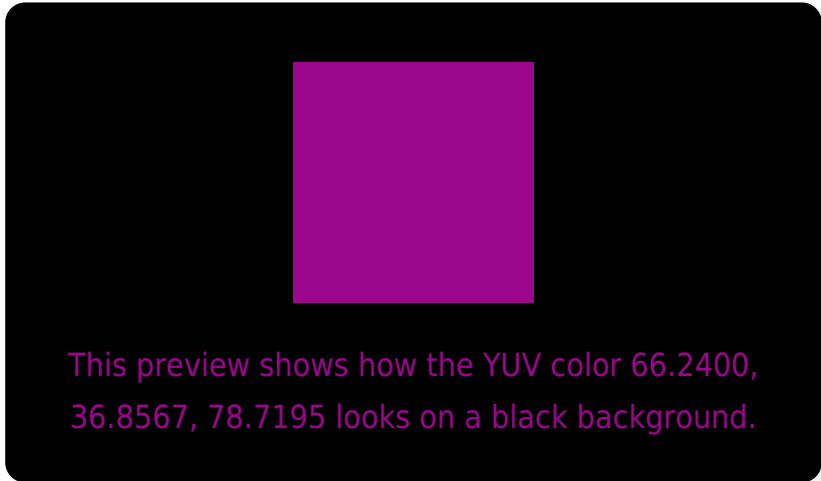
Large Text (above 18pt) WCAG AA ✓ Pass

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

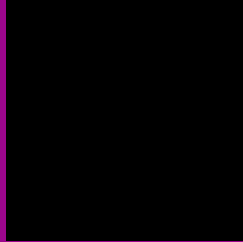
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.2400, 36.8567, 78.7195

Background



This preview shows how black text looks on a background with the YUV color 66.2400, 36.8567, 78.7195.



This preview shows how white text looks on a background with the YUV color 66.2400, 36.8567,

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

66.2400, 36.8567, 78.7195

Protanopia

69.7140, 53.8780, -61.1392

Deuteranopia

85.8510, 22.7515, -17.4093



Tritanopia

83.8500, -12.2510, 56.2596

Trichromacy



Original Color

66.2400, 36.8567, 78.7195



Protanomaly

68.7250, 47.4636, -10.2828



Deuteranomaly

79.0370, 27.5898, 17.5076



Tritanomaly

77.6010, 5.6197, 64.3709

Monochromacy



Original Color

66.2400, 36.8567, 78.7195



Achromatopsia

66.0000, 0.0000, 0.0000



Achromatomaly

66.0310, 13.2957, 28.9138

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2400, 36.8567, 78.7195 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(156, 6, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 6, 141)  
}
```

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(156, 6, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 6, 141) }
```

Border

The CSS property to change the border of an element to YUV 66.2400, 36.8567, 78.7195 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(156, 6, 141) }
```


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

```
.border{ border-color:rgb(156, 6, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 6, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 6, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 6, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 6,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 66.2400, 36.8567, 78.7195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 6, 141) }
```

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

```
.background{ background-color: rgb(156, 6,  
141) }
```

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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