

Converting Colors

YIQ(73.3630, 16.3030, 106.5670)

Have a look what the booklet for
YIQ(73.3630, 16.3030, 106.5670)
contains.

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Color

**YIQ(73.3630, 16.3030,
106.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	9B00ED
RGB	155, 0, 237
RGB Percent	61%, 0%, 93%
CMY	0.3916, 1.0000, 0.0707
CMYK	0.35, 1.00, 0.00, 0.07
HSL	279°, 100%, 46%
HSV	279°, 100%, 93%
XYZ	28.8245, 13.0943, 81.1058
YIQ	73.3630, 16.3030, 106.5670

Conversions

Conversions Part 2

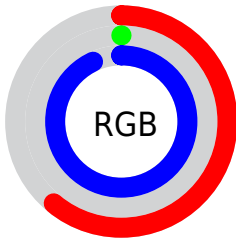
Format	Color
RYB	155, 0, 237
Decimal	10158317
CIELab	42.90, 82.03, -79.74
CIElCh	43, 114.396, 315.810
Yxy	13.0943, 0.2343, 0.1064
Android (android.graphics.Color)	4288348397 (0xFF9B00ED)
YUV	73.3630, 80.6730, 71.5956
Hunter-Lab	36.1860, 78.8614, -107.5600

Details

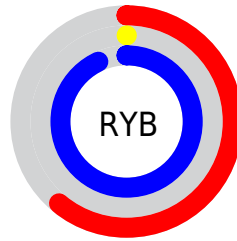
The YIQ color **73.3630, 16.3030, 106.5670** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **163.6370, -16.3030, -106.5670**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.1360, 23.2310, 80.1190**, and **48.3270, -2.3520, 75.6960** is the 20% darker color. If you saturate the color by 10%, you get **73.3630, 16.3030, 106.5670**, and if you desaturate by 10%, it is **89.8430, 14.4710, 95.7110**.

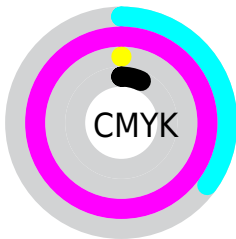
Distribution



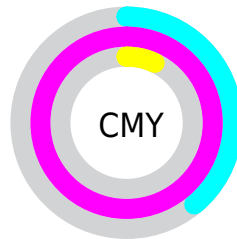
- Red (61%)
- Green (0%)
- Blue (93%)



- Red (61%)
- Yellow (0%)
- Blue (93%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.3630, 16.3030, 106.5670 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 YIQ color 73.3630, 16.3030, 106.5670 by changing the saturation by 10% instead.

73.3630, 16.3030,
106.5670

73.3630, 16.3030,
106.5670

255.0000, -0.0000,
-0.0000

61.0870, 7.7320,
91.1880

144.1360, 23.2310,
80.1190

48.6260, -1.7560,
75.9080

171.0150, 33.4570,
71.0010

35.5670, -12.4360,
60.2040

190.4300, 30.2500,
57.5300

19.9310, -28.8010,
42.9030

207.4530, 22.2750,
42.3630

11.2860, -31.7790,
30.7890

225.0630, 14.0250,
26.6730

9.6100, -24.3040,
21.9680

242.6730, 5.7750,

8.0480, -17.1500,

10.9830

13.4580

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 73.3630, 16.3030,
106.5670

■ 89.8430, 14.4710,
95.7110

■ 106.0350, 13.5100,
85.5900

■ 122.5150, 11.6780,
74.7340

■ 138.9950, 9.8460,
63.8780

■ 154.8880, 8.2890,
53.5450

■ 171.3680, 6.4570,
42.6890

■ 187.8480, 4.6250,
31.8330

■ 204.6270, 3.3890,
21.1890

■ 220.5200, 1.8320,
10.8560

Harmonies

Analogous

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



87.7700, -109.3550, 27.0050



73.3630, 16.3030, 106.5670



87.9630, 93.1020, 96.8940

Triad

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



73.3630, 16.3030, 106.5670



94.8000, 73.3600, -7.9200



95.8720, -85.3210, -23.1210

Complementary

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



73.3630, 16.3030, 106.5670



163.6370, -16.3030, -106.5670

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.



82.5970, -52.0750, -52.9630



73.3630, 16.3030, 106.5670



88.7560, 13.6250, -43.1990

Square

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



73.3630, 16.3030, 106.5670



65.7800, 131.1200, 46.6400



73.9620, -34.6500, -65.8980



106.4910, -113.8440, 3.7240

Rectangle

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



73.3630, 16.3030, 106.5670



85.4940, 121.6230, 81.1030



73.9620, -34.6500, -65.8980



91.5230, -74.4530, -32.8610

Sweetspot

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



73.3630, 16.3030, 106.5670



202.6140, 5.4040, 34.2360



75.7390, -98.9020, 30.2980



96.2140, 3.1140, 20.6660



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



73.3630, 16.3030, 106.5670



79.0030, 17.6770, 114.7090



93.7770, 76.7310, 112.7550



109.3470, 0.6410, 4.9050



56.2150, 12.8230, 81.5190



16.6210, 3.5260, 24.2140

Inverse Universe

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



80.2110, 114.9300, 75.7460



86.2770, 123.7320, 81.4280



143.2230, -76.7310, -112.7550



109.7450, 5.2720, 3.5760



61.3010, 87.6530, 57.9650



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 73.3630, 16.3030, 106.5670 looks on a white background.

Color Contrast Check

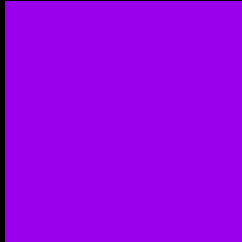
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 73.3630, 16.3030, 106.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

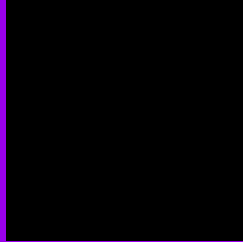
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.3630, 16.3030, 106.5670

Background



This preview shows how black text looks on a background with the YIQ color 73.3630, 16.3030, 106.5670.



This preview shows how white text looks on a background with the YIQ color 73.3630, 16.3030,

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

73.3630, 16.3030, 106.5670

Protanopia

81.9390, -94.3140, 13.2220

Deuteranopia

82.8560, -87.2510, 0.8530



Tritanopia

104.8610, 19.8050, 10.0210

Trichromacy



Original Color

73.3630, 16.3030, 106.5670



Protanomaly

78.6910, -54.2480, 47.0320



Deuteranomaly

78.9870, -49.5700, 39.3420



Tritanomaly

93.2940, 18.4690, 45.2610

Monochromacy



Original Color

73.3630, 16.3030, 106.5670



Achromatopsia

73.0000, -0.0000, -0.0000



Achromatomaly

72.9610, 6.0450, 39.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.3630, 16.3030, 106.5670 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(155, 0, 237)` looks like.

```
.text, #text, p{  
    color:rgb(155, 0, 237)  
}
```

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(155, 0, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 0, 237) }
```

Border

The CSS property to change the border of an element to YIQ 73.3630, 16.3030, 106.5670 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(155, 0, 237) }
```


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

```
.border{ border-color:rgb(155, 0, 237) }
```

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

Here you see how a box with a 4 pixel rgb(155, 0, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 0, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 0, 237);  
box-shadow:4px 4px 4px 4px rgb(155, 0,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 73.3630, 16.3030, 106.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 0, 237) }
```

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

```
.background{ background-color: rgb(155, 0,  
237) }
```

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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