

Converting Colors

YIQ(79.3000, 36.6680, 62.3640)

Have a look what the booklet for
YIQ(79.3000, 36.6680, 62.3640)
contains.

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Color

**YIQ(79.3000, 36.6680,
62.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	991D91
RGB	153, 29, 145
RGB Percent	60%, 11%, 57%
CMY	0.3996, 0.8864, 0.4313
CMYK	0.00, 0.81, 0.05, 0.40
HSL	304°, 68%, 36%
HSV	304°, 81%, 60%
XYZ	18.7046, 9.7024, 27.6807
YIQ	79.3000, 36.6680, 62.3640

Conversions

Conversions Part 2

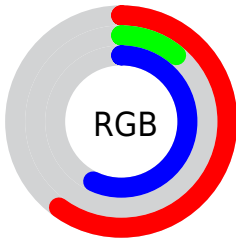
Format	Color
R _Y B	153, 29, 145
Decimal	10034577
CIE Lab	37.30, 61.08, -34.80
CIE LCh	37, 70.293, 330.329
Yxy	9.7024, 0.3335, 0.1730
Android (android.graphics.Color)	4288224657 (0xFF991D91)
YUV	79.3000, 32.3901, 64.6349
Hunter-Lab	31.1487, 52.6780, -30.8849

Details

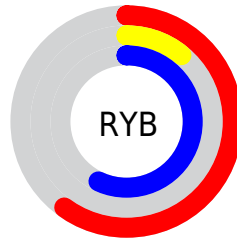
The YIQ color **79.3000, 36.6680, 62.3640** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **102.7000, -36.6680, -62.3640**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6050, 37.1270, 59.5510**, and **40.0180, 28.2340, 50.0100** is the 20% darker color. If you saturate the color by 10%, you get **70.3810, 41.1140, 69.8980**, and if you desaturate by 10%, it is **88.2190, 32.2220, 54.8300**.

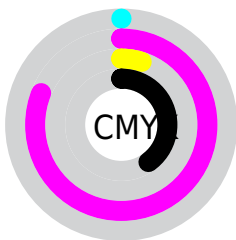
Distribution



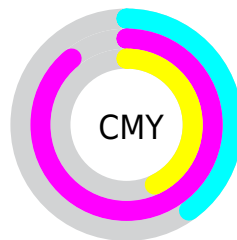
- Red (60%)
- Green (11%)
- Blue (57%)



- Red (60%)
- Yellow (11%)
- Blue (57%)



- Cyan (0%)
- Magenta (81%)
- Yellow (5%)
- Black (40%)



- Cyan (40%)
- Magenta (89%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3000, 36.6680, 62.3640 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 79.3000, 36.6680, 62.3640 by changing the saturation by 10% instead.

■ 79.3000, 36.6680,
62.3640

■ 79.3000, 36.6680,
62.3640

■ 255.0000, -0.0000,
-0.0000

■ 50.9410, 36.3010,
63.5090

■ 138.6050, 37.1270,
59.5510

■ 40.0180, 28.2340,
50.0100

■ 167.0180, 37.4020,
60.0740

■ 29.2090, 19.8460,
36.8220

■ 191.0170, 29.9750,
57.0070

■ 19.1120, 12.3290,
24.3690

■ 207.4530, 22.2750,
42.3630

■ 3.4480, -6.8330,
8.1990

■ 224.4760, 14.3000,
27.1960

■ 0.0000, 0.0000,
0.0000

■ 241.4990, 6.3250,

12.0290

■ 79.3000, 36.6680,
62.3640

■ 79.3000, 36.6680,
62.3640

■ 70.3810, 41.1140,
69.8980

■ 88.2190, 32.2220,
54.8300

■ 62.0490, 45.2850,
76.9090

■ 97.7250, 27.5010,
46.7730

■ 106.6440, 23.0550,
39.2390

■ 115.5630, 18.6090,
31.7050

■ 125.0690, 13.8880,
23.6480

■ 133.9880, 9.4420,
16.1140

■ 142.9070, 4.9960,
8.5800

■ 151.8260, 0.5500,
1.0460

■ 161.3320, -4.1710,
-7.0110

Harmonies

Analogous

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



86.0070, -35.1270, 36.4010



79.3000, 36.6680, 62.3640



64.3790, 78.9860, 66.3620

Triad

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



79.3000, 36.6680, 62.3640



82.4750, 40.1220, -22.2940



81.5730, -76.7490, -13.2690

Complementary

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



79.3000, 36.6680, 62.3640



102.7000, -36.6680, -62.3640

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.



74.4880, -58.1770, -30.4730



79.3000, 36.6680, 62.3640



73.3510, 1.7040, -41.9120

Square

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



79.3000, 36.6680, 62.3640



80.0700, 72.9000, 0.4200



65.5450, -37.1290, -48.4970



84.1270, -89.4520, 2.1960

Rectangle

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



79.3000, 36.6680, 62.3640



60.4600, 91.4590, 55.0670



65.5450, -37.1290, -48.4970



79.5210, -70.9710, -18.8670

Sweetspot

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



79.3000, 36.6680, 62.3640



170.4820, 14.1630, 24.1710



44.9300, -36.2280, 39.8360



82.4500, 8.0210, 14.3330



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



79.3000, 36.6680, 62.3640



84.2270, 57.2480, 96.8960



72.4600, 55.9280, 43.7040



72.1900, 2.5210, 3.8730



56.7940, 41.3890, 70.4210



5.2550, 3.8960, 6.4880

Inverse Universe

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



79.3000, 36.6680, 62.3640



84.2270, 57.2480, 96.8960



109.5400, -55.9280, -43.7040



72.1900, 2.5210, 3.8730



56.7940, 41.3890, 70.4210



5.2550, 3.8960, 6.4880

Previews

White Background



This preview shows how the YIQ color 79.3000, 36.6680, 62.3640 looks on a white background.

Color Contrast Check

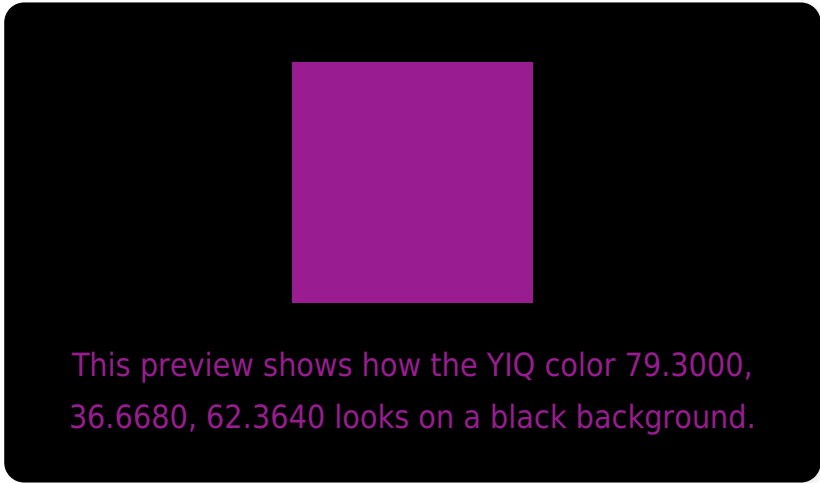
Large Text (above 18pt) WCAG AA ✓ Pass

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

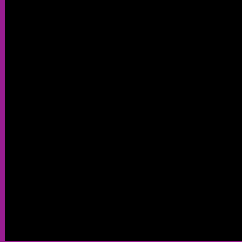
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.3000, 36.6680, 62.3640

Background



This preview shows how black text looks on a background with the YIQ color 79.3000, 36.6680, 62.3640.



This preview shows how white text looks on a background with the YIQ color 79.3000, 36.6680,

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

79.3000, 36.6680, 62.3640

Protanopia

71.3440, -82.3930, 11.9350

Deuteranopia

87.2960, -29.7120, 9.8400



Tritanopia

87.2730, 48.1840, 18.8400

Trichromacy



Original Color

79.3000, 36.6680, 62.3640



Protanomaly

74.1650, -38.7480, 30.4360



Deuteranomaly

84.2920, -5.5530, 29.0630



Tritanomaly

84.4320, 43.9630, 34.7710

Monochromacy



Original Color

79.3000, 36.6680, 62.3640



Achromatopsia

79.0000, -0.0000, 0.0000



Achromatomaly

79.2430, 13.3380, 22.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3000, 36.6680, 62.3640 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(153, 29, 145)` looks like.

```
.text, #text, p{  
    color:rgb(153, 29, 145)  
}
```

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(153, 29, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 29, 145) }
```

Border

The CSS property to change the border of an element to YIQ 79.3000, 36.6680, 62.3640 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(153, 29, 145) }
```


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

```
.border{ border-color:rgb(153, 29, 145) }
```

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

Here you see how a box with a 4 pixel rgb(153, 29, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 29, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 29, 145);  
box-shadow:4px 4px 4px 4px rgb(153, 29,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 79.3000, 36.6680, 62.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 29, 145) }
```

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

```
.background{ background-color: rgb(153, 29,  
145) }
```

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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