

Converting Colors

YIQ(79.6640, 11.1350, 34.9990)

Have a look what the booklet for
YIQ(79.6640, 11.1350, 34.9990)
contains.

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Color

**YIQ(79.6640, 11.1350,
34.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	70367F
RGB	112, 54, 127
RGB Percent	44%, 21%, 50%
CMY	0.5606, 0.7883, 0.5020
CMYK	0.12, 0.57, 0.00, 0.50
HSL	288°, 40%, 35%
HSV	288°, 57%, 50%
XYZ	11.8366, 7.6161, 20.9238
YIQ	79.6640, 11.1350, 34.9990

Conversions

Conversions Part 2

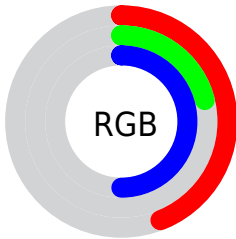
Format	Color
R_{YB}	112, 54, 127
Decimal	7353983
CIE _{Lab}	33.17, 37.75, -30.64
CIE _{LCh}	33, 48.617, 320.937
Yxy	7.6161, 0.2932, 0.1886
Android (android.graphics.Color)	4285544063 (0xFF70367F)
YUV	79.6640, 23.3366, 28.3587
Hunter-Lab	27.5973, 28.2644, -25.6345

Details

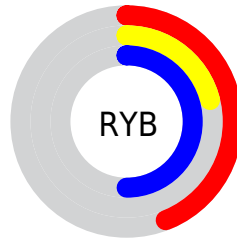
The YIQ color **79.6640, 11.1350, 34.9990** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.3360, -11.1350, -34.9990**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2020, 12.5560, 36.7800**, and **28.1910, 11.0890, 35.8330** is the 20% darker color. If you saturate the color by 10%, you get **71.1360, 12.9220, 41.1620**, and if you desaturate by 10%, it is **88.1920, 9.3480, 28.8360**.

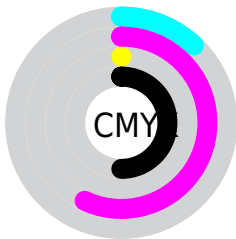
Distribution



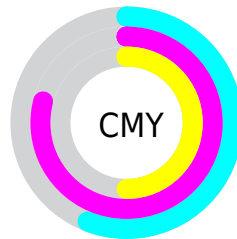
- Red (44%)
- Green (21%)
- Blue (50%)



- Red (44%)
- Yellow (21%)
- Blue (50%)



- Cyan (12%)
- Magenta (57%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (79%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.6640, 11.1350, 34.9990 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 79.6640, 11.1350, 34.9990 by changing the saturation by 10% instead.

■ 79.6640, 11.1350,
34.9990

■ 79.6640, 11.1350,
34.9990

■ 255.0000, -0.0000,
-0.0000

■ 54.3650, 10.5390,
34.7870

■ 131.2020, 12.5560,
36.7800

■ 28.1910, 11.0890,
35.8330

■ 157.7290, 12.5100,
37.6140

■ 17.8170, 5.9100,
25.0620

■ 184.8540, 13.6560,
38.8720

■ 3.6480, -10.2720,
9.9520

■ 212.1270, 17.1410,
36.2850

■ 0.4560, -1.2840,
1.2440

■ 229.7590, 11.8250,
22.4890

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.1250,

7.8450

■ 79.6640, 11.1350,
34.9990

■ 79.6640, 11.1350,
34.9990

■ 71.1360, 12.9220,
41.1620

■ 88.1920, 9.3480,
28.8360

■ 63.4940, 15.0300,
47.0140

■ 95.8340, 7.2400,
22.9840

■ 54.9660, 16.8170,
53.1770

■ 104.3620, 5.4530,
16.8210

■ 46.7370, 19.2000,
59.5520

■ 112.5910, 3.0700,
10.4460

■ 44.6770, 19.4290,
60.9090

■ 120.5320, 1.5580,
4.8060

■ 129.0600, -0.2290,
-1.3570

■ 137.2890, -2.6120,
-7.7320

■ 145.8170, -4.3990,
-13.8950

■ 153.4590, -6.5070,
-19.7470

Harmonies

Analogous

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



74.6020, -39.0210, 18.8590



79.6640, 11.1350, 34.9990



73.3660, 44.3290, 39.1530

Triad

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



79.6640, 11.1350, 34.9990



73.6590, 42.7800, -15.3960



67.6210, -59.5090, -17.3410

Complementary

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



79.6640, 11.1350, 34.9990



101.3360, -11.1350, -34.9990

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.



62.5880, -46.7150, -28.9470



79.6640, 11.1350, 34.9990



69.9390, 18.0240, -29.3040

Square

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



79.6640, 11.1350, 34.9990



73.3920, 57.4940, 4.2940



58.6590, -28.2820, -38.1220



70.2090, -69.5520, -6.0320

Rectangle

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



79.6640, 11.1350, 34.9990



70.8370, 55.8840, 33.4840



58.6590, -28.2820, -38.1220



66.2530, -55.6570, -21.0730

Sweetspot

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



79.6640, 11.1350, 34.9990



147.7700, 4.1240, 13.3720



71.7140, -27.8330, 14.3350



73.1240, 2.8870, 8.2550



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



79.6640, 11.1350, 34.9990



91.3190, 17.3210, 55.0570



81.7550, 26.8160, 31.6480



59.2930, 0.7330, 3.2370



44.7910, 19.1080, 61.2200



0.0000, 0.0000, 0.0000

Inverse Universe

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



77.5370, 38.6930, 20.1410



88.1210, 60.8360, 31.8440



99.2450, -26.8160, -31.6480



59.3210, 3.5300, 2.1060



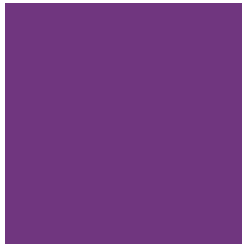
41.2360, 67.9420, 35.2220



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 79.6640, 11.1350, 34.9990 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 79.6640, 11.1350, 34.9990

Background



This preview shows how black text looks on a background with the YIQ color 79.6640, 11.1350, 34.9990.



This preview shows how white text looks on a background with the YIQ color 79.6640, 11.1350,

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

79.6640, 11.1350, 34.9990

Protanopia

73.4440, -44.5680, 14.7600

Deuteranopia

77.0250, -27.5110, 8.4970



Tritanopia

79.7470, 20.1260, 9.7100

Trichromacy



Original Color

79.6640, 11.1350, 34.9990

Protanomaly

75.6100, -24.3040, 21.9680

Deuteranomaly

77.9500, -13.7580, 18.0660

Tritanomaly

79.8750, 17.1900, 18.8700

Monochromacy



Original Color

79.6640, 11.1350, 34.9990

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.2430, 4.1700, 12.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.6640, 11.1350, 34.9990 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(112, 54, 127)` looks like.

```
.text, #text, p{  
    color:rgb(112, 54, 127)  
}
```

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(112, 54, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 54, 127) }
```

Border

The CSS property to change the border of an element to YIQ 79.6640, 11.1350, 34.9990 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(112, 54, 127) }
```


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

```
.border{ border-color:rgb(112, 54, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 54, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 54, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 54, 127);  
box-shadow:4px 4px 4px 4px rgb(112, 54,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 79.6640, 11.1350, 34.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 54, 127) }
```

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

```
.background{ background-color: rgb(112, 54,  
127) }
```

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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