

Converting Colors

YIQ(74.9640, 9.9900, 28.2140)

Have a look what the booklet for
YIQ(74.9640, 9.9900, 28.2140)
contains.

YIQ(74.9640, 9.9900, 28.2140)	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

**YIQ(74.9640, 9.9900,
28.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	663670
RGB	102, 54, 112
RGB Percent	40%, 21%, 44%
CMY	0.5998, 0.7883, 0.5608
CMYK	0.09, 0.52, 0.00, 0.56
HSL	290°, 35%, 33%
HSV	290°, 52%, 44%
XYZ	9.7266, 6.6333, 16.0965
YIQ	74.9640, 9.9900, 28.2140

Conversions

Conversions Part 2

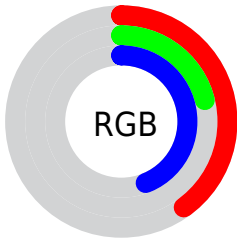
Format	Color
R_{YB}	102, 54, 112
Decimal	6698608
CIE _{Lab}	30.96, 31.47, -24.79
CIE _{LCh}	31, 40.062, 321.770
Yxy	6.6333, 0.2997, 0.2044
Android (android.graphics.Color)	4284888688 (0xFF663670)
YUV	74.9640, 18.2587, 23.7106
Hunter-Lab	25.7552, 22.3401, -19.0265

Details

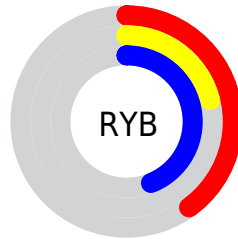
The YIQ color **74.9640, 9.9900, 28.2140** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.0360, -9.9900, -28.2140**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.2030, 10.8150, 29.7830**, and **26.6650, 9.3940, 28.0020** is the 20% darker color. If you saturate the color by 10%, you get **67.9090, 11.8230, 33.5430**, and if you desaturate by 10%, it is **82.0190, 8.1570, 22.8850**.

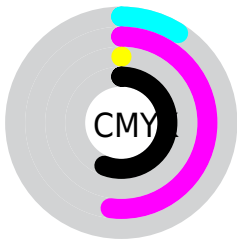
Distribution



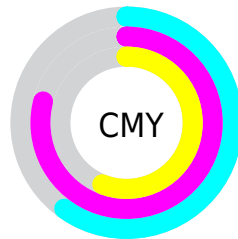
- Red (40%)
- Green (21%)
- Blue (44%)



- Red (40%)
- Yellow (21%)
- Blue (44%)



- Cyan (9%)
- Magenta (52%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (79%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.9640, 9.9900, 28.2140 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 74.9640, 9.9900, 28.2140 by changing the saturation by 10% instead.

■ 74.9640, 9.9900,
28.2140

■ 74.9640, 9.9900,
28.2140

■ 255.0000, -0.0000,
-0.0000

■ 51.1380, 9.4400,
27.1680

■ 125.2030, 10.8150,
29.7830

■ 26.6650, 9.3940,
28.0020

■ 151.3280, 11.9610,
31.0410

■ 14.9540, 6.7820,
20.2700

■ 178.7410, 12.2360,
31.5640

■ 2.8670, -6.6950,
5.6970

■ 206.2680, 12.1900,
32.3980

■ 0.0000, 0.0000,
0.0000

■ 228.5850, 12.3750,
23.5350

■ 245.0210, 4.6750,

8.8910

■ 74.9640, 9.9900,
28.2140

■ 74.9640, 9.9900,
28.2140

■ 67.9090, 11.8230,
33.5430

■ 82.0190, 8.1570,
22.8850

■ 60.8540, 13.6560,
38.8720

■ 89.0740, 6.3240,
17.5560

■ 53.2120, 15.7640,
44.7240

■ 96.7160, 4.2160,
11.7040

■ 46.1570, 17.5970,
50.0530

■ 103.7710, 2.3830,
6.3750

■ 40.5750, 19.4760,
54.5480

■ 110.8260, 0.5500,
1.0460

■ 117.8810, -1.2830,
-4.2830

■ 124.6370, -3.7120,
-9.8240

■ 132.2790, -5.8200,
-15.6760

■ 139.3340, -7.6530,
-21.0050

Harmonies

Analogous

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



71.2950, -27.9710, 16.8370



74.9640, 9.9900, 28.2140



71.1920, 35.7110, 30.1350

Triad

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



74.9640, 9.9900, 28.2140



68.4350, 37.5990, -15.1130



61.8990, -54.4200, -15.9560

Complementary

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



74.9640, 9.9900, 28.2140



91.0360, -9.9900, -28.2140

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.



58.2510, -44.1480, -25.9080



74.9640, 9.9900, 28.2140



65.9760, 16.6020, -25.5580

Square

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



74.9640, 9.9900, 28.2140



70.0040, 46.9030, 3.5030



60.1320, -19.0680, -28.8920



63.8030, -62.5370, -6.5130

Rectangle

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



74.9640, 9.9900, 28.2140



70.2930, 45.4320, 24.6640



60.1320, -19.0680, -28.8920



60.7590, -51.2100, -19.0660

Sweetspot

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



74.9640, 9.9900, 28.2140



130.3030, 3.9410, 11.1810



67.0690, -21.6430, 12.2850



65.1840, 2.6580, 6.8980



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



74.9640, 9.9900, 28.2140



87.6850, 15.8100, 43.8900



75.9020, 21.7280, 24.7360



52.1790, 1.0540, 2.9260



43.2810, 20.4840, 58.3080



89.4530, 42.8930, 120.2770

Inverse Universe

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



72.4820, 31.3580, 15.4060



83.7340, 48.5040, 24.0560



90.0980, -21.7280, -24.7360



51.9080, 3.2550, 1.5830



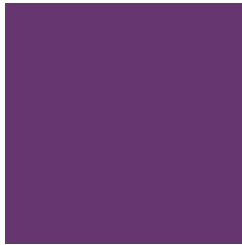
38.2740, 64.7790, 31.9710



78.6410, 133.7300, 65.4260

Previews

White Background



This preview shows how the YIQ color 74.9640, 9.9900, 28.2140 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



This preview shows how the YIQ color 74.9640, 9.9900, 28.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

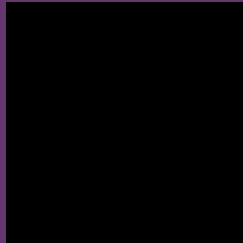
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.9640, 9.9900, 28.2140

Background



This preview shows how black text looks on a background with the YIQ color 74.9640, 9.9900, 28.2140.



This preview shows how white text looks on a background with the YIQ color 74.9640, 9.9900,

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

74.9640, 9.9900, 28.2140

Protanopia

71.2080, -32.2800, 12.3280

Deuteranopia

72.5050, -20.1750, 7.7050



Tritanopia

74.7250, 17.1920, 7.8160

Trichromacy



Original Color

74.9640, 9.9900, 28.2140

Protanomaly

72.3950, -16.5090, 18.3630

Deuteranomaly

73.2940, -9.0350, 15.0690

Tritanomaly

74.7990, 14.3480, 15.3080

Monochromacy



Original Color

74.9640, 9.9900, 28.2140

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.7760, 3.9870, 10.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9640, 9.9900, 28.2140 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(102, 54, 112)` looks like.

```
.text, #text, p{  
    color:rgb(102, 54, 112)  
}
```

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(102, 54, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 54, 112) }
```

Border

The CSS property to change the border of an element to YIQ 74.9640, 9.9900, 28.2140 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(102, 54, 112) }
```


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

```
.border{ border-color:rgb(102, 54, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 54, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 54, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 54, 112);  
box-shadow:4px 4px 4px 4px rgb(102, 54,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 74.9640, 9.9900, 28.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 54, 112) }
```

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

```
.background{ background-color: rgb(102, 54,  
112) }
```

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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