

Converting Colors

YIQ(74.6610, 41.5800, 28.3960)

Have a look what the booklet for
YIQ(74.6610, 41.5800, 28.3960)
contains.

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Color

**YIQ(74.6610, 41.5800,
28.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	842D4D
RGB	132, 45, 77
RGB Percent	52%, 18%, 30%
CMY	0.4821, 0.8237, 0.6979
CMYK	0.00, 0.66, 0.42, 0.48
HSL	338°, 49%, 35%
HSV	338°, 66%, 52%
XYZ	11.8026, 7.3205, 7.8187
YIQ	74.6610, 41.5800, 28.3960

Conversions

Conversions Part 2

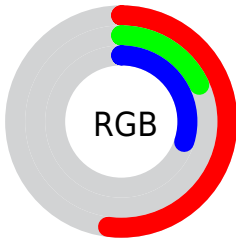
Format	Color
R _Y B	132, 45, 77
Decimal	8662349
CIE Lab	32.53, 40.29, 0.54
CIE LCh	33, 40.291, 0.761
Yxy	7.3205, 0.4381, 0.2717
Android (android.graphics.Color)	4286852429 (0xFF842D4D)
YUV	74.6610, 1.1531, 50.2863
Hunter-Lab	27.0565, 30.5166, 1.8060

Details

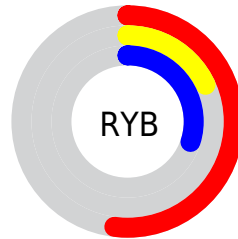
The YIQ color **74.6610, 41.5800, 28.3960** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **102.3390, -41.5800, -28.3960**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.9280, 45.2020, 28.8340**, and **27.0840, 35.8950, 26.7990** is the 20% darker color. If you saturate the color by 10%, you get **66.1180, 47.7230, 32.7070**, and if you desaturate by 10%, it is **83.2040, 35.4370, 24.0850**.

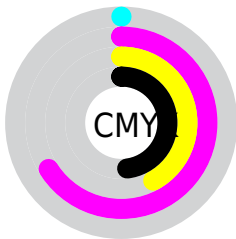
Distribution



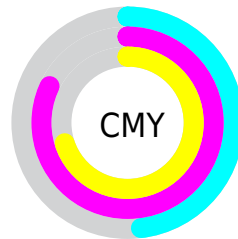
- Red (52%)
- Green (18%)
- Blue (30%)



- Red (52%)
- Yellow (18%)
- Blue (30%)



- Cyan (0%)
- Magenta (66%)
- Yellow (42%)
- Black (48%)



- Cyan (48%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.6610, 41.5800, 28.3960 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 74.6610, 41.5800, 28.3960 by changing the saturation by 10% instead.

■ 74.6610, 41.5800,
28.3960

■ 74.6610, 41.5800,
28.3960

■ 255.0000, -0.0000,
-0.0000

■ 47.5300, 40.5710,
30.1630

■ 126.9280, 45.2020,
28.8340

■ 27.0840, 35.8950,
26.7990

■ 153.8250, 46.9900,
29.4700

■ 17.2860, 28.9740,
14.5580

■ 181.6080, 49.0990,
29.7950

■ 5.6810, 11.3240,
4.0280

■ 203.0410, 37.4540,
26.0780

■ 0.0000, 0.0000,
0.0000

■ 222.6690, 20.7660,
20.1420

■ 242.0860, 6.0500,

11.5060

■ 74.6610, 41.5800,
28.3960

■ 74.6610, 41.5800,
28.3960

■ 66.1180, 47.7230,
32.7070

■ 83.2040, 35.4370,
24.0850

■ 57.4610, 54.1870,
36.7070

■ 91.8610, 28.9730,
20.0850

■ 48.3310, 60.6050,
41.5410

■ 100.9910, 22.5550,
15.2510

■ 45.0540, 62.9430,
43.2230

■ 109.5340, 16.4120,
10.9400

■ 118.1910, 9.9480,
6.9400

■ 126.7340, 3.8050,
2.6290

■ 135.2770, -2.3380,
-1.6820

■ 144.5210, -9.0770,
-6.2050

■ 153.0640,
-15.2200, -10.5160

Harmonies

Analogous

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



77.8080, 19.2970, 30.2490



74.6610, 41.5800, 28.3960



73.7630, 49.5600, 15.9280

Triad

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



74.6610, 41.5800, 28.3960



68.9580, 7.8450, -26.5470



66.7040, -66.5720, -4.9720

Complementary

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



74.6610, 41.5800, 28.3960



102.3390, -41.5800, -28.3960

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.



65.7290, -59.6930, -14.0050



74.6610, 41.5800, 28.3960



57.2590, -38.5990, -32.8630

Square

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



74.6610, 41.5800, 28.3960



71.4620, 32.9690, -19.3110



62.0810, -49.4210, -23.9570



62.9200, -66.9400, 1.7000

Rectangle

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



74.6610, 41.5800, 28.3960



73.7160, 47.7740, 4.2380



62.0810, -49.4210, -23.9570



66.4930, -64.6000, -7.6720

Sweetspot

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



74.6610, 41.5800, 28.3960



148.5340, 16.4120, 10.9400



71.0640, 4.2570, 38.5050



73.1910, 9.9480, 6.9400



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



74.6610, 41.5800, 28.3960



82.0650, 64.4100, 44.1700



76.8830, 49.1020, 13.2140



62.0220, 2.9340, 1.8940



44.3420, 62.0720, 42.4880



1.0110, 1.4670, 0.9470

Inverse Universe

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



74.6610, 41.5800, 28.3960



82.0650, 64.4100, 44.1700



100.1170, -49.1020, -13.2140



62.0220, 2.9340, 1.8940



44.3420, 62.0720, 42.4880



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 74.6610, 41.5800, 28.3960 looks on a white background.

Color Contrast Check

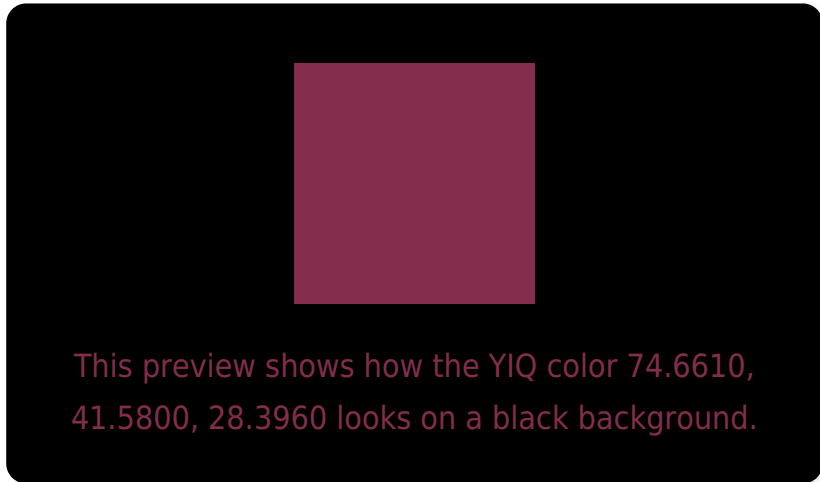
Large Text (above 18pt) WCAG AA ✓ Pass

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

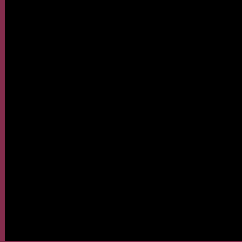
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.6610, 41.5800, 28.3960

Background



This preview shows how black text looks on a background with the YIQ color 74.6610, 41.5800, 28.3960.



This preview shows how white text looks on a background with the YIQ color 74.6610, 41.5800,

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

74.6610, 41.5800, 28.3960

Protanopia

77.9700, -8.4830, 5.0610

Deuteranopia

78.3600, 7.7940, 1.9220



Tritanopia

74.2620, 46.7170, 17.8930

Trichromacy



Original Color

74.6610, 41.5800, 28.3960

Protanomaly

76.4070, 9.5800, 13.6120

Deuteranomaly

76.8010, 20.0340, 11.3780

Tritanomaly

74.4130, 44.9740, 21.9500

Monochromacy



Original Color

74.6610, 41.5800, 28.3960

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9360, 15.2200, 10.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.6610, 41.5800, 28.3960 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(132, 45, 77)` looks like.

```
.text, #text, p{  
  color:rgb(132, 45, 77)  
}
```

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(132, 45, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 45, 77) }
```

Border

The CSS property to change the border of an element to YIQ 74.6610, 41.5800, 28.3960 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(132, 45, 77) }
```


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

```
.border{ border-color:rgb(132, 45, 77) }
```

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

Here you see how a box with a 4 pixel rgb(132, 45, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 45, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 45, 77);  
box-shadow:4px 4px 4px 4px rgb(132, 45,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 74.6610, 41.5800, 28.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 45, 77) }
```

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

```
.background{ background-color: rgb(132, 45,  
77) }
```

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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