

Converting Colors

YIQ(49.2660, 40.8940, 18.7980)

Have a look what the booklet for
YIQ(49.2660, 40.8940, 18.7980)
contains.

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Color

**YIQ(49.2660, 40.8940,
18.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	641A24
RGB	100, 26, 36
RGB Percent	39%, 10%, 14%
CMY	0.6077, 0.8981, 0.8587
CMYK	0.00, 0.74, 0.64, 0.61
HSL	352°, 59%, 25%
HSV	352°, 74%, 39%
XYZ	5.9484, 3.5770, 2.0491
YIQ	49.2660, 40.8940, 18.7980

Conversions

Conversions Part 2

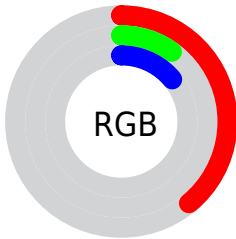
Format	Color
R_{YB}	100, 26, 36
Decimal	6560292
CIE Lab	22.22, 33.77, 12.70
CIE LCh	22, 36.079, 20.609
Yxy	3.5770, 0.5139, 0.3090
Android (android.graphics.Color)	4284750372 (0xFF641A24)
YUV	49.2660, -6.5401, 44.4937
Hunter-Lab	18.9130, 23.0433, 6.8153

Details

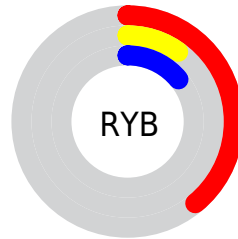
The YIQ color **49.2660, 40.8940, 18.7980** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **76.7340, -40.8940, -18.7980**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.4900, 46.0750, 18.5150**, and **14.6510, 29.2040, 10.3880** is the 20% darker color. If you saturate the color by 10%, you get **42.3700, 46.5330, 21.2290**, and if you desaturate by 10%, it is **56.1620, 35.2550, 16.3670**.

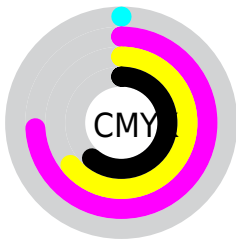
Distribution



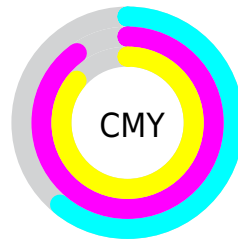
- Red (39%)
- Green (10%)
- Blue (14%)



- Red (39%)
- Yellow (10%)
- Blue (14%)



- Cyan (0%)
- Magenta (74%)
- Yellow (64%)
- Black (61%)



- Cyan (61%)
- Magenta (90%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.2660, 40.8940, 18.7980 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 49.2660, 40.8940, 18.7980 by changing the saturation by 10% instead.

■ 49.2660, 40.8940,
18.7980

■ 49.2660, 40.8940,
18.7980

255.0000, -0.0000,
-0.0000

■ 23.5370, 38.6930,
20.1410

■ 99.4900, 46.0750,
18.5150

■ 14.6510, 29.2040,
10.3880

■ 125.5720, 48.7800,
19.0520

■ 0.2990, 0.5960,
0.2120

■ 152.3550, 50.8890,
19.3770

■ 0.0000, 0.0000,
0.0000

■ 179.8390, 52.4020,
19.4900

■ 202.6530, 44.0580,
16.5220

■ 222.2810, 27.3700,

10.5860

242.4960, 10.4070,
4.1270

49.2660, 40.8940,
18.7980

49.2660, 40.8940,
18.7980

42.3700, 46.5330,
21.2290

56.1620, 35.2550,
16.3670

35.5880, 51.8510,
23.9710

62.9440, 29.9370,
13.6250

31.4960, 55.1060,
25.5540

69.8400, 24.2980,
11.1940

76.7360, 18.6590,
8.7630

83.5180, 13.3410,
6.0210

■ 90.4140, 7.7020,
3.5900

■ 97.3100, 2.0630,
1.1590

■ 104.0920, -3.2550,
-1.5830

■ 110.9880, -8.8940,
-4.0140

Harmonies

Analogous

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



50.5610, 30.1180, 26.8700



49.2660, 40.8940, 18.7980



50.1820, 40.5300, 3.3620

Triad

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



49.2660, 40.8940, 18.7980



40.9090, -16.8220, -25.5420



46.7170, -50.2510, 2.1090

Complementary

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



49.2660, 40.8940, 18.7980



76.7340, -40.8940, -18.7980

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.



48.2840, -47.7740, -4.2380



49.2660, 40.8940, 18.7980



43.1710, -31.9990, -20.3110

Square

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



49.2660, 40.8940, 18.7980



47.8110, 12.9330, -19.6350



46.2490, -40.6660, -11.9140



51.0730, -27.4660, 13.1900

Rectangle

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



49.2660, 40.8940, 18.7980



50.3350, 35.3050, -6.5750



46.2490, -40.6660, -11.9140



47.6630, -50.1590, 0.4410

Sweetspot

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



49.2660, 40.8940, 18.7980



110.1270, 16.0000, 7.3920



53.2730, 13.7940, 36.3700



54.3110, 9.4900, 4.2260



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



49.2660, 40.8940, 18.7980



50.5080, 64.0000, 29.5680



63.3880, 36.9540, 2.0900



47.6090, 2.6590, 1.3710



36.2090, 63.4040, 29.3560



76.1200, 133.6390, 61.5670

Inverse Universe

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



49.2660, 40.8940, 18.7980



50.5080, 64.0000, 29.5680



62.6120, -36.9540, -2.0900



47.6090, 2.6590, 1.3710



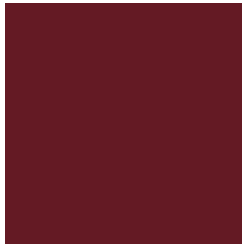
36.2090, 63.4040, 29.3560



76.1200, 133.6390, 61.5670

Previews

White Background



This preview shows how the YIQ color 49.2660, 40.8940, 18.7980 looks on a white background.

Color Contrast Check

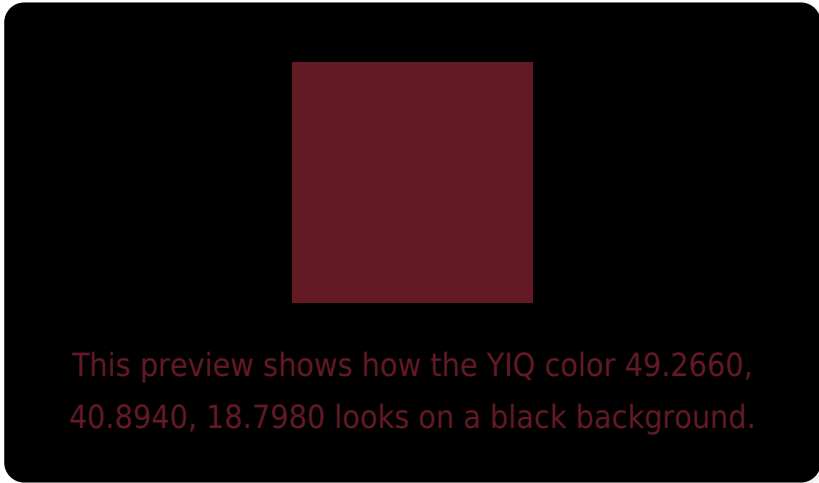
Large Text (above 18pt) WCAG AA ✓ Pass

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

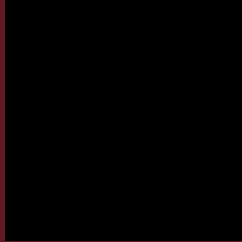
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 49.2660, 40.8940, 18.7980

Background



This preview shows how black text looks on a background with the YIQ color 49.2660, 40.8940, 18.7980.



This preview shows how white text looks on a background with the YIQ color 49.2660, 40.8940,

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

49.2660, 40.8940, 18.7980

Protanopia

54.8000, 3.4390, -1.7530

Deuteranopia

54.2050, 15.3600, -3.0400



Tritanopia

49.0550, 42.8660, 16.0980

Trichromacy



Original Color

49.2660, 40.8940, 18.7980

Protanomaly

52.6710, 17.2840, 6.1480

Deuteranomaly

52.6240, 24.6660, 4.5220

Tritanomaly

49.3970, 41.9030, 17.0310

Monochromacy



Original Color

49.2660, 40.8940, 18.7980

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

49.4150, 15.1290, 6.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.2660, 40.8940, 18.7980 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(100, 26, 36)` looks like.

```
.text, #text, p{  
    color:rgb(100, 26, 36)  
}
```

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(100, 26, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 26, 36) }
```

Border

The CSS property to change the border of an element to YIQ 49.2660, 40.8940, 18.7980 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(100, 26, 36) }
```


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

```
.border{ border-color:rgb(100, 26, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 26, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 26, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 26, 36);  
box-shadow:4px 4px 4px 4px rgb(100, 26,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 49.2660, 40.8940, 18.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 26, 36) }
```

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

```
.background{ background-color: rgb(100, 26,  
36) }
```

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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