

Converting Colors

YIQ(63.0690, 40.2510, 24.9470)

Have a look what the booklet for
YIQ(63.0690, 40.2510, 24.9470)
contains.

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Color

**YIQ(63.0690, 40.2510,
24.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	75243D
RGB	117, 36, 61
RGB Percent	46%, 14%, 24%
CMY	0.5410, 0.8589, 0.7606
CMYK	0.00, 0.69, 0.48, 0.54
HSL	341°, 53%, 30%
HSV	341°, 69%, 46%
XYZ	8.8164, 5.3826, 4.9942
YIQ	63.0690, 40.2510, 24.9470

Conversions

Conversions Part 2

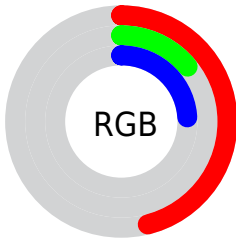
Format	Color
R_{YB}	117, 36, 61
Decimal	7676989
CIE _{Lab}	27.80, 37.55, 3.92
CIE _{LCh}	28, 37.756, 5.962
Yxy	5.3826, 0.4593, 0.2804
Android (android.graphics.Color)	4285867069 (0xFF75243D)
YUV	63.0690, -1.0200, 47.2975
Hunter-Lab	23.2004, 27.2310, 3.4773

Details

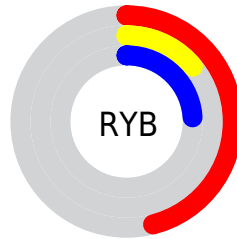
The YIQ color **63.0690, 40.2510, 24.9470** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **89.9310, -40.2510, -24.9470**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5210, 44.7900, 25.2860**, and **21.3020, 32.0450, 19.4770** is the 20% darker color. If you saturate the color by 10%, you get **55.1130, 46.1190, 28.7350**, and if you desaturate by 10%, it is **71.0250, 34.3830, 21.1590**.

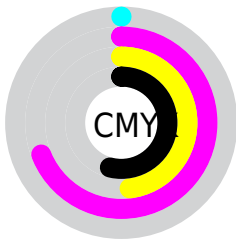
Distribution



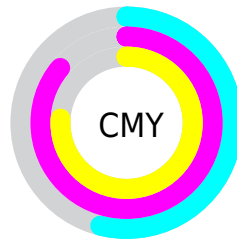
- Red (46%)
- Green (14%)
- Blue (24%)



- Red (46%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (48%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.0690, 40.2510, 24.9470 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 63.0690, 40.2510, 24.9470 by changing the saturation by 10% instead.

■ 63.0690, 40.2510,
24.9470

■ 63.0690, 40.2510,
24.9470

■ 255.0000, -0.0000,
-0.0000

■ 35.4650, 39.1960,
27.5480

■ 114.5210, 44.7900,
25.2860

■ 21.3020, 32.0450,
19.4770

■ 141.0050, 46.3030,
25.3990

■ 12.3730, 24.1150,
9.0030

■ 168.0160, 47.7700,
26.3460

■ 0.0000, 0.0000,
0.0000

■ 194.3040, 46.8990,
25.6110

■ 213.9320, 30.2110,
19.6750

■ 233.6740, 13.2020,

14.0500

252.0650, 1.3750,
2.6150

63.0690, 40.2510,
24.9470

63.0690, 40.2510,
24.9470

55.1130, 46.1190,
28.7350

71.0250, 34.3830,
21.1590

47.7440, 51.7120,
32.0000

78.3940, 28.7900,
17.8940

39.7880, 57.5800,
35.7880

86.3500, 22.9220,
14.1060

39.0870, 58.1760,
36.0000

94.3060, 17.0540,
10.3180

101.6750, 11.4610,
7.0530

■ 109.7450, 5.2720,
3.5760

■ 117.7010, -0.5960,
-0.2120

■ 125.6570, -6.4640,
-4.0000

■ 133.0260,
-12.0570, -7.2650

Harmonies

Analogous

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



66.3090, 22.1400, 28.2840



63.0690, 40.2510, 24.9470



63.0890, 45.5260, 11.9420

Triad

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



63.0690, 40.2510, 24.9470



57.4890, 1.9760, -24.8080



57.4770, -58.5030, -2.5270

Complementary

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



63.0690, 40.2510, 24.9470



89.9310, -40.2510, -24.9470

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.



57.0720, -53.2290, -10.0050



63.0690, 40.2510, 24.9470



49.8730, -34.3360, -27.5200

Square

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



63.0690, 40.2510, 24.9470



60.8680, 25.9540, -18.8300



54.4670, -44.5160, -19.2360



53.4650, -58.2290, 3.5230

Rectangle

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



63.0690, 40.2510, 24.9470



62.8570, 42.8230, 0.3510



54.4670, -44.5160, -19.2360



57.4940, -57.1730, -4.6050

Sweetspot

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



63.0690, 40.2510, 24.9470



131.7080, 15.8620, 9.8940



61.6790, 6.7790, 36.8510



63.6640, 9.9940, 6.1060



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



63.0690, 40.2510, 24.9470



68.4190, 63.1730, 39.0530



69.0240, 44.1510, 9.3270



55.0220, 2.9340, 1.8940



40.8100, 60.5140, 37.6820



83.5280, 124.2830, 76.9470

Inverse Universe

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



63.0690, 40.2510, 24.9470



68.4190, 63.1730, 39.0530



83.9760, -44.1510, -9.3270



55.0220, 2.9340, 1.8940



40.8100, 60.5140, 37.6820



83.5280, 124.2830, 76.9470

Previews

White Background



This preview shows how the YIQ color 63.0690, 40.2510, 24.9470 looks on a white background.

Color Contrast Check

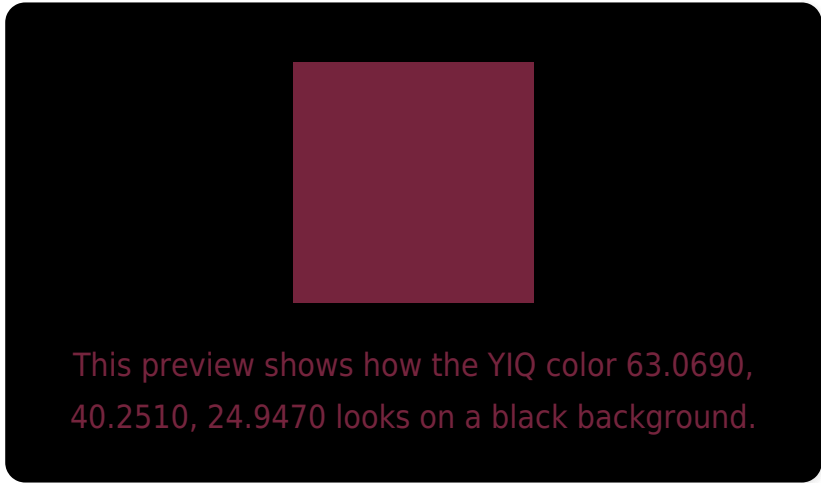
Large Text (above 18pt) WCAG AA ✓ Pass

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

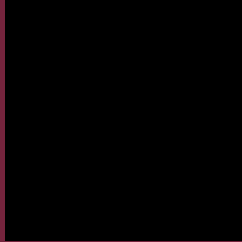
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.0690, 40.2510, 24.9470

Background



This preview shows how black text looks on a background with the YIQ color 63.0690, 40.2510, 24.9470.



This preview shows how white text looks on a background with the YIQ color 63.0690, 40.2510,

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

63.0690, 40.2510, 24.9470

Protanopia

67.0690, -4.4480, 3.5200

Deuteranopia

67.0890, 9.9950, 0.5790



Tritanopia

62.9520, 44.6540, 16.7340

Trichromacy



Original Color

63.0690, 40.2510, 24.9470

Protanomaly

65.6090, 11.8270, 11.4350

Deuteranomaly

65.8180, 21.3640, 9.3000

Tritanomaly

63.1630, 42.6820, 19.4340

Monochromacy



Original Color

63.0690, 40.2510, 24.9470

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9960, 14.9910, 9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.0690, 40.2510, 24.9470 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(117, 36, 61)` looks like.

```
.text, #text, p{  
    color:rgb(117, 36, 61)  
}
```

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(117, 36, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 36, 61) }
```

Border

The CSS property to change the border of an element to YIQ 63.0690, 40.2510, 24.9470 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(117, 36, 61) }
```


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

```
.border{ border-color:rgb(117, 36, 61) }
```

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

Here you see how a box with a 4 pixel rgb(117, 36, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 36, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 36, 61);  
box-shadow:4px 4px 4px 4px rgb(117, 36,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 63.0690, 40.2510, 24.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 36, 61) }
```

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

```
.background{ background-color: rgb(117, 36,  
61) }
```

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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