

Converting Colors

YIQ(66.2540, 41.1680, 24.8480)

Have a look what the booklet for
YIQ(66.2540, 41.1680, 24.8480)
contains.

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Color

**YIQ(66.2540, 41.1680,
24.8480)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 79273F |
| RGB | 121, 39, 63 |
| RGB Percent | 47%, 15%, 25% |
| CMY | 0.5253, 0.8472, 0.7528 |
| CMYK | 0.00, 0.68, 0.48, 0.53 |
| HSL | 342°, 51%, 31% |
| HSV | 342°, 68%, 47% |
| XYZ | 9.5153, 5.8769, 5.3409 |
| YIQ | 66.2540, 41.1680, 24.8480 |

Conversions

Conversions Part 2

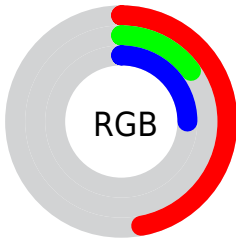
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 121, 39, 63 |
| Decimal | 7939903 |
| CIE Lab | 29.10, 37.77, 4.55 |
| CIE LCh | 29, 38.043, 6.864 |
| Yxy | 5.8769, 0.4589, 0.2835 |
| Android (android.graphics.Color) | 4286129983 (0xFF79273F) |
| YUV | 66.2540, -1.6042, 48.0122 |
| Hunter-Lab | 24.2423, 27.6386, 3.9073 |

Details

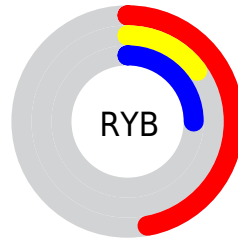
The YIQ color **66.2540, 41.1680, 24.8480** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **93.7460, -41.1680, -24.8480**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.7060, 45.7070, 25.1870**, and **22.7260, 33.7870, 20.9470** is the 20% darker color. If you saturate the color by 10%, you get **58.1840, 47.3570, 28.3250**, and if you desaturate by 10%, it is **74.3240, 34.9790, 21.3710**.

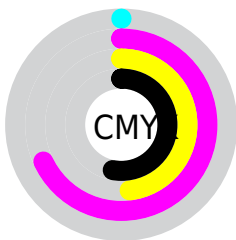
Distribution



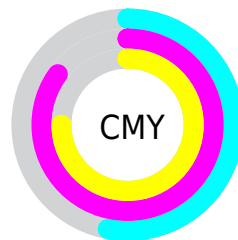
- Red (47%)
- Green (15%)
- Blue (25%)



- Red (47%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (68%)
- Yellow (48%)
- Black (53%)



- Cyan (53%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.2540, 41.1680, 24.8480 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 66.2540, 41.1680, 24.8480 by changing the saturation by 10% instead.

66.2540, 41.1680,
24.8480

66.2540, 41.1680,
24.8480

255.0000, -0.0000,
-0.0000

38.6500, 40.1130,
27.4490

117.7060, 45.7070,
25.1870

22.7260, 33.7870,
20.9470

144.6030, 47.4950,
25.8230

13.9820, 26.7740,
10.3740

172.0870, 49.0080,
25.9360

0.0000, 0.0000,
0.0000

196.9940, 44.8360,
24.4520

216.6220, 28.1480,
18.5160

236.2500, 11.4600,

12.5800

254.4130, 0.2750,
0.5230

■ 66.2540, 41.1680,
24.8480

■ 66.2540, 41.1680,
24.8480

■ 58.1840, 47.3570,
28.3250

■ 74.3240, 34.9790,
21.3710

■ 50.2280, 53.2250,
32.1130

■ 82.2800, 29.1110,
17.5830

■ 42.1580, 59.4140,
35.5900

■ 90.3500, 22.9220,
14.1060

■ 40.1690, 60.8810,
36.5370

■ 98.3060, 17.0540,
10.3180

■ 106.3760, 10.8650,
6.8410

■ 114.9190, 4.7220,
2.5300

■ 122.9890, -1.4670,
-0.9470

■ 130.9450, -7.3350,
-4.7350

■ 139.0150,
-13.5240, -8.2120

Harmonies

Analogous

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



69.4940, 23.0570, 28.1850



66.2540, 41.1680, 24.8480



65.9750, 45.8470, 11.6310

Triad

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



66.2540, 41.1680, 24.8480



60.8910, 0.7840, -25.2320



59.8080, -60.9330, -2.5410

Complementary

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



66.2540, 41.1680, 24.8480



93.7460, -41.1680, -24.8480

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.



59.8760, -55.6130, -10.8530



66.2540, 41.1680, 24.8480



52.5630, -36.3990, -28.6790

Square

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



66.2540, 41.1680, 24.8480



63.5260, 26.9170, -19.7630



56.6840, -46.6250, -19.5610



55.5680, -60.0170, 2.8870

Rectangle

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



66.2540, 41.1680, 24.8480



66.0420, 43.7400, 0.2520



56.6840, -46.6250, -19.5610



59.8250, -59.6030, -4.6190

Sweetspot

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



66.2540, 41.1680, 24.8480



136.7080, 15.8620, 9.8940



65.3910, 7.6500, 37.5860



66.3650, 9.3980, 5.8940



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



66.2540, 41.1680, 24.8480



72.6040, 64.0900, 38.9540



72.9100, 44.4720, 9.0160



57.0220, 2.9340, 1.8940



41.5930, 62.6230, 38.0070



83.7840, 126.4380, 76.4380

Inverse Universe

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



66.2540, 41.1680, 24.8480



72.6040, 64.0900, 38.9540



87.0900, -44.4720, -9.0160



57.0220, 2.9340, 1.8940



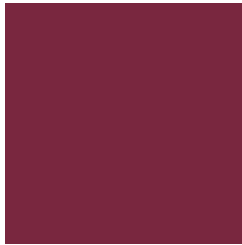
41.5930, 62.6230, 38.0070



83.7840, 126.4380, 76.4380

Previews

White Background



This preview shows how the YIQ color 66.2540, 41.1680, 24.8480 looks on a white background.

Color Contrast Check

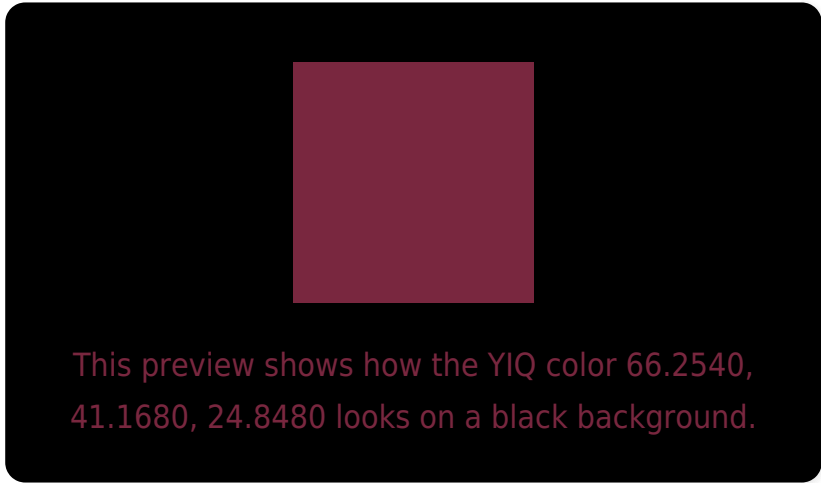
Large Text (above 18pt) WCAG AA ✓ Pass

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

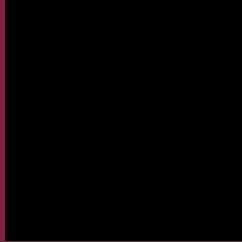
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.2540, 41.1680, 24.8480

Background



This preview shows how black text looks on a background with the YIQ color 66.2540, 41.1680, 24.8480.



This preview shows how white text looks on a background with the YIQ color 66.2540, 41.1680,

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

66.2540, 41.1680, 24.8480

Protanopia

69.9550, -4.1270, 3.2090

Deuteranopia

69.9750, 10.3160, 0.2680



Tritanopia

66.2510, 45.2500, 16.9460

Trichromacy



Original Color

66.2540, 41.1680, 24.8480

Protanomaly

68.4950, 12.1480, 11.1240

Deuteranomaly

68.7040, 21.6850, 8.9890

Tritanomaly

66.4620, 43.2780, 19.6460

Monochromacy



Original Color

66.2540, 41.1680, 24.8480

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.9960, 14.9910, 9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.2540, 41.1680, 24.8480 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(121, 39, 63)` looks like.

```
.text, #text, p{  
    color:rgb(121, 39, 63)  
}
```

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(121, 39, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 39, 63) }
```

Border

The CSS property to change the border of an element to YIQ 66.2540, 41.1680, 24.8480 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(121, 39, 63) }
```


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

```
.border{ border-color:rgb(121, 39, 63) }
```

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

Here you see how a box with a 4 pixel rgb(121, 39, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 39, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 39, 63);  
box-shadow:4px 4px 4px 4px rgb(121, 39,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 66.2540, 41.1680, 24.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 39, 63) }
```

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

```
.background{ background-color: rgb(121, 39,  
63) }
```

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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