

Converting Colors

YIQ(73.8480, 75.6870, 54.5590)

Have a look what the booklet for
YIQ(73.8480, 75.6870, 54.5590)
contains.

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Color

**YIQ(73.8480, 75.6870,
54.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	B41253
RGB	180, 18, 83
RGB Percent	71%, 7%, 33%
CMY	0.2937, 0.9296, 0.6743
CMYK	0.00, 0.90, 0.54, 0.29
HSL	336°, 82%, 39%
HSV	336°, 90%, 71%
XYZ	20.6267, 10.7723, 9.1886
YIQ	73.8480, 75.6870, 54.5590

Conversions

Conversions Part 2

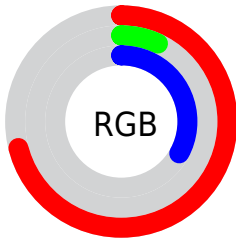
Format	Color
R _Y B	180, 18, 83
Decimal	11801171
CIE Lab	39.19, 62.56, 7.44
CIE LCh	39, 63.004, 6.779
Yxy	10.7723, 0.5082, 0.2654
Android (android.graphics.Color)	4289991251 (0xFFB41253)
YUV	73.8480, 4.5119, 93.0953
Hunter-Lab	32.8211, 54.7427, 6.3759

Details

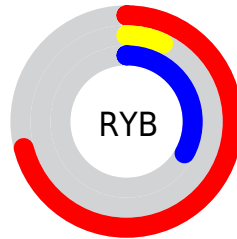
The YIQ color **73.8480, 75.6870, 54.5590** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **124.1520, -75.6870, -54.5590**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.1760, 77.3390, 46.6430**, and **40.3260, 59.0010, 37.5690** is the 20% darker color. If you saturate the color by 10%, you get **62.0280, 84.1680, 60.5520**, and if you desaturate by 10%, it is **85.6680, 67.2060, 48.5660**.

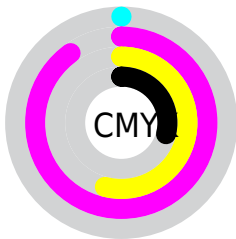
Distribution



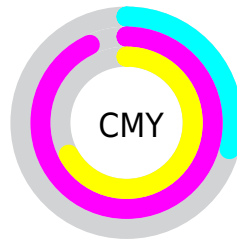
- Red (71%)
- Green (7%)
- Blue (33%)



- Red (71%)
- Yellow (7%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (54%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.8480, 75.6870, 54.5590 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 73.8480, 75.6870, 54.5590 by changing the saturation by 10% instead.

■ 73.8480, 75.6870,
54.5590

■ 73.8480, 75.6870,
54.5590

255.0000, -0.0000,
-0.0000

■ 51.6900, 70.1400,
50.4600

■ 138.1760, 77.3390,
46.6430

■ 40.3260, 59.0010,
37.5690

■ 162.3490, 69.3620,
42.5300

■ 29.2610, 48.4580,
24.8900

■ 181.8630, 52.9950,
36.2830

■ 19.4780, 37.1810,
14.5010

■ 202.0780, 36.0320,
29.8240

■ 9.0840, 17.5590,
6.6710

■ 222.2930, 19.0690,
23.3650

■ 0.0000, 0.0000,
0.0000

■ 240.9120, 6.6000,

12.5520

■ 73.8480, 75.6870,
54.5590

■ 73.8480, 75.6870,
54.5590

■ 62.0280, 84.1680,
60.5520

■ 85.6680, 67.2060,
48.5660

■ 97.4880, 58.7250,
42.5730

■ 109.1940, 50.5650,
36.2690

■ 121.0140, 42.0840,
30.2760

■ 132.8340, 33.6030,
24.2830

■ 144.6540, 25.1220,
18.2900

■ 156.4740, 16.6410,
12.2970

■ 168.1800, 8.4810,
5.9930

■ 180.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



86.8950, 41.9420, 54.8860



73.8480, 75.6870, 54.5590



81.6050, 79.5440, 23.1920

Triad

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



73.8480, 75.6870, 54.5590



75.6770, -2.3300, -45.8980



84.7140, -89.7270, 1.6730

Complementary

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



73.8480, 75.6870, 54.5590



124.1520, -75.6870, -54.5590

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.



84.3600, -80.4630, -12.0390



73.8480, 75.6870, 54.5590



71.3300, -46.5290, -43.3370

Square

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



73.8480, 75.6870, 54.5590



85.9750, 35.5380, -27.3260



78.6600, -64.4130, -27.5890



77.9950, -88.7200, 10.9600

Rectangle

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



73.8480, 75.6870, 54.5590



84.5000, 74.5050, -1.1350



78.6600, -64.4130, -27.5890



85.4490, -87.6630, -2.6950

Sweetspot

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



73.8480, 75.6870, 54.5590



193.1000, 29.7980, 21.6540



64.8730, 4.6180, 70.5220



92.7730, 17.2370, 12.5090



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



73.8480, 75.6870, 54.5590



80.9810, 109.8860, 79.0540



74.0690, 92.9770, 27.5450



83.1470, 4.0800, 3.1520



52.7010, 71.6070, 51.4070



8.9140, 12.2860, 8.6220

Inverse Universe

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



73.8480, 75.6870, 54.5590



80.9810, 109.8860, 79.0540



123.9310, -92.9770, -27.5450



83.1470, 4.0800, 3.1520



52.7010, 71.6070, 51.4070



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 73.8480, 75.6870, 54.5590 looks on a white background.

Color Contrast Check

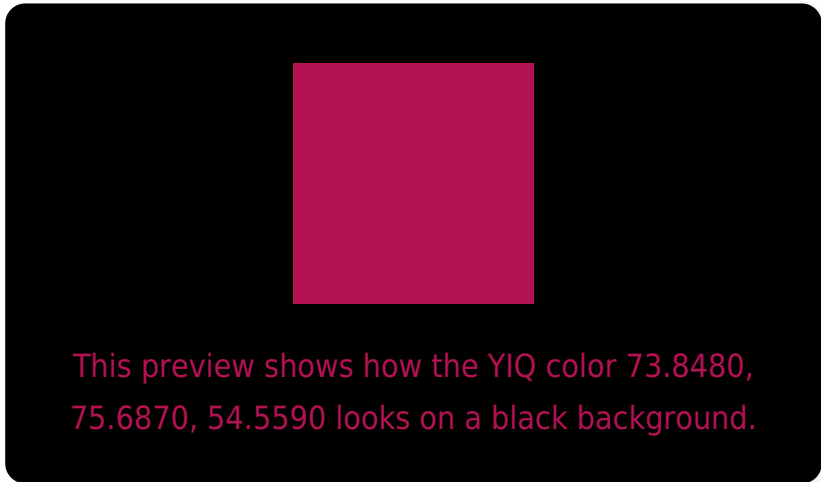
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

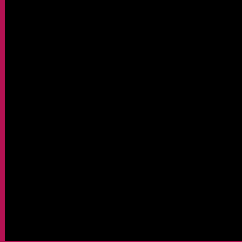
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.8480, 75.6870, 54.5590

Background



This preview shows how black text looks on a background with the YIQ color 73.8480, 75.6870, 54.5590.



This preview shows how white text looks on a background with the YIQ color 73.8480, 75.6870,

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

73.8480, 75.6870, 54.5590

Protanopia

94.4690, -11.3260, 7.0260

Deuteranopia

94.0850, 15.8180, -0.3260



Tritanopia

78.4580, 84.6320, 30.1040

Trichromacy



Original Color

73.8480, 75.6870, 54.5590

Protanomaly

87.0050, 19.9400, 24.1000

Deuteranomaly

86.9390, 37.5010, 19.7170

Tritanomaly

76.5860, 81.6960, 39.2640

Monochromacy



Original Color

73.8480, 75.6870, 54.5590

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.2630, 27.7810, 19.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.8480, 75.6870, 54.5590 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(180, 18, 83)` looks like.

```
.text, #text, p{  
    color:rgb(180, 18, 83)  
}
```

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(180, 18, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 18, 83) }
```

Border

The CSS property to change the border of an element to YIQ 73.8480, 75.6870, 54.5590 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(180, 18, 83) }
```


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

```
.border{ border-color:rgb(180, 18, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 18, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 18, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 18, 83);  
box-shadow:4px 4px 4px 4px rgb(180, 18,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 73.8480, 75.6870, 54.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 18, 83) }
```

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

```
.background{ background-color: rgb(180, 18,  
83) }
```

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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