

Converting Colors

YIQ(59.8480, 40.1560, 43.1960)

Have a look what the booklet for
YIQ(59.8480, 40.1560, 43.1960)
contains.

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Color

**YIQ(59.8480, 40.1560,
43.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	7D1559
RGB	125, 21, 89
RGB Percent	49%, 8%, 35%
CMY	0.5095, 0.9178, 0.6509
CMYK	0.00, 0.83, 0.29, 0.51
HSL	321°, 71%, 29%
HSV	321°, 83%, 49%
XYZ	10.5399, 5.6220, 9.9868
YIQ	59.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

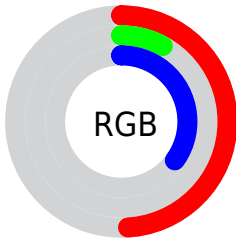
Format	Color
R_{YB}	125, 21, 89
Decimal	8197465
CIE _{Lab}	28.44, 48.67, -13.58
CIE _{LCh}	28, 50.532, 344.413
Yxy	5.6220, 0.4031, 0.2150
Android (android.graphics.Color)	4286387545 (0xFF7D1559)
YUV	59.8480, 14.3719, 57.1383
Hunter-Lab	23.7107, 37.8532, -8.3751

Details

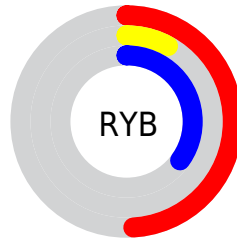
The YIQ color **59.8480, 40.1560, 43.1960** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **86.1520, -40.1560, -43.1960**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.7510, 41.8070, 40.8070**, and **26.1310, 28.5130, 28.4250** is the 20% darker color. If you saturate the color by 10%, you get **51.7610, 45.0150, 48.7510**, and if you desaturate by 10%, it is **67.3480, 35.5720, 38.1640**.

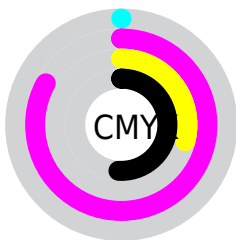
Distribution



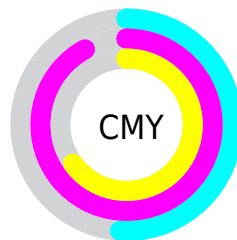
- Red (49%)
- Green (8%)
- Blue (35%)



- Red (49%)
- Yellow (8%)
- Blue (35%)



- Cyan (0%)
- Magenta (83%)
- Yellow (29%)
- Black (51%)



- Cyan (51%)
- Magenta (92%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.8480, 40.1560, 43.1960 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 59.8480, 40.1560, 43.1960 by changing the saturation by 10% instead.

■ 59.8480, 40.1560,
43.1960

■ 59.8480, 40.1560,
43.1960

■ 255.0000, -0.0000,
-0.0000

■ 36.8260, 37.2220,
41.3020

■ 115.7510, 41.8070,
40.8070

■ 26.4300, 29.1090,
28.6370

■ 143.2350, 43.3200,
40.9200

■ 16.9740, 21.2250,
17.3290

■ 170.3600, 44.4660,
42.1780

■ 0.0000, 0.0000,
0.0000

■ 194.7720, 37.3140,
39.6340

■ 214.4000, 20.6260,
33.6980

■ 231.5200, 11.0000,

20.9200

248.5430, 3.0250,
5.7530

59.8480, 40.1560,
43.1960

59.8480, 40.1560,
43.1960

51.7610, 45.0150,
48.7510

67.3480, 35.5720,
38.1640

46.7230, 48.1780,
52.0020

75.5490, 30.3920,
32.9200

83.0490, 25.8080,
27.8880

91.1360, 20.9490,
22.3330

99.3370, 15.7690,
17.0890

■ 106.8370, 11.1850,
12.0570

■ 114.9240, 6.3260,
6.5020

■ 122.5380, 1.4210,
1.7810

■ 130.6250, -3.4380,
-3.7740

Harmonies

Analogous

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



68.2330, 2.1030, 33.4870



59.8480, 40.1560, 43.1960



53.9840, 59.9640, 36.6360

Triad

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



59.8480, 40.1560, 43.1960



61.4110, 19.8110, -23.1410



62.5150, -61.6660, -5.7780

Complementary

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



59.8480, 40.1560, 43.1960



86.1520, -40.1560, -43.1960

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.



58.9980, -50.3850, -17.4970



59.8480, 40.1560, 43.1960



49.3630, -15.7650, -39.1970

Square

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



59.8480, 40.1560, 43.1960



63.9460, 43.6500, -9.1340



53.2640, -36.9950, -28.8910



61.5010, -67.0780, 4.2020

Rectangle

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



59.8480, 40.1560, 43.1960



58.4440, 60.8840, 19.9560



53.2640, -36.9950, -28.8910



61.2610, -58.1350, -9.1990

Sweetspot

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



59.8480, 40.1560, 43.1960



137.3370, 15.7690, 17.0890



43.3210, -12.5240, 39.7640



66.2990, 9.7640, 10.2760



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



59.8480, 40.1560, 43.1960



60.9350, 62.8010, 67.8330



54.0340, 56.5270, 27.3350



59.6630, 2.5670, 3.0390



47.7340, 49.6450, 52.9490



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.8480, 40.1560, 43.1960



60.9350, 62.8010, 67.8330



91.9660, -56.5270, -27.3350



59.6630, 2.5670, 3.0390



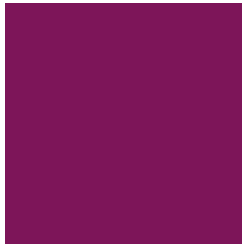
47.7340, 49.6450, 52.9490



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 59.8480, 40.1560, 43.1960 looks on a white background.

Color Contrast Check

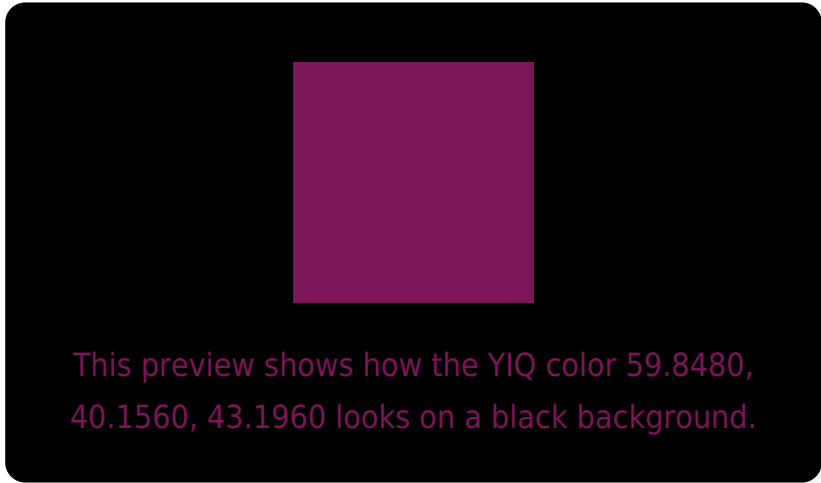
Large Text (above 18pt) WCAG AA ✓ Pass

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

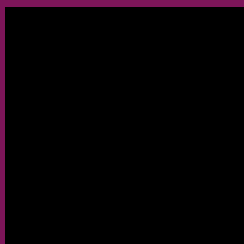
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.8480, 40.1560, 43.1960

Background



This preview shows how black text looks on a background with the YIQ color 59.8480, 40.1560, 43.1960.



This preview shows how white text looks on a background with the YIQ color 59.8480, 40.1560,

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

59.8480, 40.1560, 43.1960

Protanopia

66.0940, -31.9590, 12.0170

Deuteranopia

69.2370, -4.8610, 5.4990



Tritanopia

64.0450, 48.8260, 18.2180

Trichromacy



Original Color

59.8480, 40.1560, 43.1960

Protanomaly

63.7170, -5.5520, 23.5360

Deuteranomaly

65.7650, 11.6880, 19.4640

Tritanomaly

62.1730, 45.8900, 27.3780

Monochromacy



Original Color

59.8480, 40.1560, 43.1960

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.2120, 14.6230, 15.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.8480, 40.1560, 43.1960 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(125, 21, 89)` looks like.

```
.text, #text, p{  
    color:rgb(125, 21, 89)  
}
```

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(125, 21, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 21, 89) }
```

Border

The CSS property to change the border of an element to YIQ 59.8480, 40.1560, 43.1960 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(125, 21, 89) }
```


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

```
.border{ border-color:rgb(125, 21, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 21, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 21, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 21, 89);  
box-shadow:4px 4px 4px 4px rgb(125, 21,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 59.8480, 40.1560, 43.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 21, 89) }
```

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

```
.background{ background-color: rgb(125, 21,  
89) }
```

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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