

Converting Colors

YIQ(55.8410, 50.0610, 34.3890)

Have a look what the booklet for
YIQ(55.8410, 50.0610, 34.3890)
contains.

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Color

**YIQ(55.8410, 50.0610,
34.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	7D143B
RGB	125, 20, 59
RGB Percent	49%, 8%, 23%
CMY	0.5095, 0.9217, 0.7685
CMYK	0.00, 0.84, 0.53, 0.51
HSL	338°, 72%, 28%
HSV	338°, 84%, 49%
XYZ	9.5076, 5.1802, 4.6423
YIQ	55.8410, 50.0610, 34.3890

Conversions

Conversions Part 2

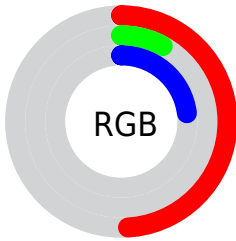
Format	Color
R_{YB}	125, 20, 59
Decimal	8197179
CIE _{Lab}	27.24, 45.71, 4.69
CIE _{LCh}	27, 45.954, 5.853
Yxy	5.1802, 0.4919, 0.2680
Android (android.graphics.Color)	4286387259 (0xFF7D143B)
YUV	55.8410, 1.5574, 60.6524
Hunter-Lab	22.7601, 34.7347, 3.8389

Details

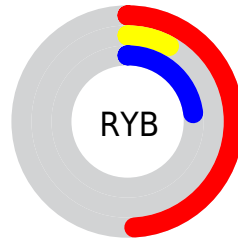
The YIQ color **55.8410, 50.0610, 34.3890** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **89.1590, -50.0610, -34.3890**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1140, 53.5460, 31.8020**, and **22.8680, 36.2630, 20.1270** is the 20% darker color. If you saturate the color by 10%, you get **47.2980, 56.2040, 38.7000**, and if you desaturate by 10%, it is **63.7970, 44.1930, 30.6010**.

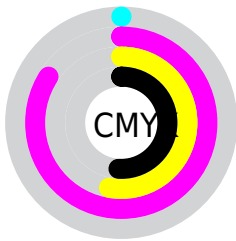
Distribution



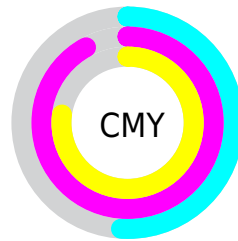
- Red (49%)
- Green (8%)
- Blue (23%)



- Red (49%)
- Yellow (8%)
- Blue (23%)



- Cyan (0%)
- Magenta (84%)
- Yellow (53%)
- Black (51%)



- Cyan (51%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.8410, 50.0610, 34.3890 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 55.8410, 50.0610, 34.3890 by changing the saturation by 10% instead.

■ 55.8410, 50.0610,
34.3890

■ 55.8410, 50.0610,
34.3890

■ 255.0000, -0.0000,
-0.0000

■ 33.3350, 45.6140,
32.3820

■ 111.1140, 53.5460,
31.8020

■ 22.8680, 36.2630,
20.1270

■ 138.4840, 55.3800,
31.6040

■ 13.6830, 26.1780,
10.1620

■ 165.6800, 57.7640,
32.4520

■ 0.0000, 0.0000,
0.0000

■ 189.3800, 49.7410,
29.1730

■ 208.4210, 33.3280,
23.7600

■ 228.6360, 16.3650,

17.3010

247.3690, 3.5750,
6.7990

55.8410, 50.0610,
34.3890

55.8410, 50.0610,
34.3890

47.2980, 56.2040,
38.7000

63.7970, 44.1930,
30.6010

42.7330, 59.4130,
41.1170

72.3400, 38.0500,
26.2900

80.2960, 32.1820,
22.5020

88.7250, 26.3600,
17.8800

96.6810, 20.4920,
14.0920

■ 105.2240, 14.3490,
9.7810

■ 113.7670, 8.2060,
5.4700

■ 121.7230, 2.3380,
1.6820

■ 130.2660, -3.8050,
-2.6290

Harmonies

Analogous

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



62.6890, 27.1820, 36.0300



55.8410, 50.0610, 34.3890



58.1010, 54.4200, 15.9560

Triad

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



55.8410, 50.0610, 34.3890



53.9030, 0.5100, -31.2820



59.3180, -62.3090, 0.3710

Complementary

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



55.8410, 50.0610, 34.3890



89.1590, -50.0610, -34.3890

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.



58.3430, -55.4300, -8.6620



55.8410, 50.0610, 34.3890



49.6620, -32.3640, -30.2200

Square

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



55.8410, 50.0610, 34.3890



60.2810, 26.2290, -18.3070



55.0540, -44.7910, -19.7590



54.7190, -61.7600, 6.9440

Rectangle

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



55.8410, 50.0610, 34.3890



59.5930, 52.3140, -0.9500



55.0540, -44.7910, -19.7590



59.2210, -60.6580, -2.0180

Sweetspot

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



55.8410, 50.0610, 34.3890



136.0830, 19.3000, 13.6680



51.4050, 5.0350, 46.4350



65.5010, 12.0110, 8.0990



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.



55.8410, 50.0610, 34.3890



55.6910, 77.5670, 53.5270



58.4390, 59.2800, 15.9840



59.4350, 3.2090, 2.4170



43.6300, 61.2010, 41.7530



0.0000, 0.0000, 0.0000

Inverse Universe

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



55.8410, 50.0610, 34.3890



55.6910, 77.5670, 53.5270



86.5610, -59.2800, -15.9840



59.4350, 3.2090, 2.4170



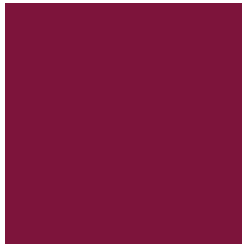
43.6300, 61.2010, 41.7530



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 55.8410, 50.0610, 34.3890 looks on a white background.

Color Contrast Check

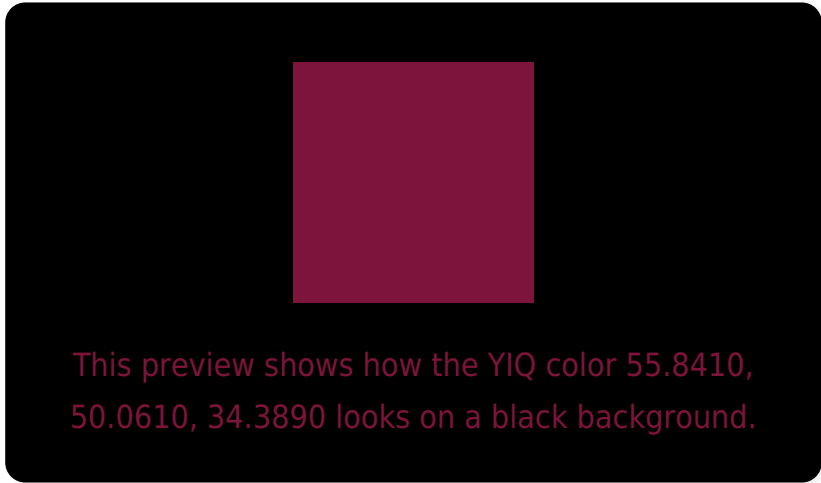
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.8410, 50.0610, 34.3890

Background



This preview shows how black text looks on a background with the YIQ color 55.8410, 50.0610, 34.3890.



This preview shows how white text looks on a background with the YIQ color 55.8410, 50.0610,

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

55.8410, 50.0610, 34.3890

Protanopia

66.6280, -7.5200, 4.1280

Deuteranopia

66.7470, 10.9580, -0.3540



Tritanopia

57.5190, 56.2990, 20.4510

Trichromacy



Original Color

55.8410, 50.0610, 34.3890

Protanomaly

62.6140, 13.4310, 15.4070

Deuteranomaly

62.6660, 24.8480, 12.2400

Tritanomaly

57.0120, 53.5930, 25.4410

Monochromacy



Original Color

55.8410, 50.0610, 34.3890

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.9580, 18.1540, 12.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.8410, 50.0610, 34.3890 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, 20, 59)` looks like.

```
.text, #text, p{  
    color:rgb(125, 20, 59)  
}
```

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, 20, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 20, 59) }
```

Border

The CSS property to change the border of an element to YIQ 55.8410, 50.0610, 34.3890 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, 20, 59) }
```


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

```
.border{ border-color:rgb(125, 20, 59) }
```

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

Here you see how a box with a 4 pixel rgb(125, 20, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 20, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 20, 59);  
box-shadow:4px 4px 4px 4px rgb(125, 20,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 55.8410, 50.0610, 34.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 20, 59) }
```

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

```
.background{ background-color: rgb(125, 20,  
59) }
```

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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