

Converting Colors

YIQ(55.0840, 35.8950, 26.7990)

Have a look what the booklet for
YIQ(55.0840, 35.8950, 26.7990)
contains.

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Color

**YIQ(55.0840, 35.8950,
26.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	6A1C3D
RGB	106, 28, 61
RGB Percent	42%, 11%, 24%
CMY	0.5841, 0.8903, 0.7607
CMYK	0.00, 0.74, 0.42, 0.58
HSL	335°, 58%, 26%
HSV	335°, 74%, 42%
XYZ	7.2077, 4.2336, 4.8564
YIQ	55.0840, 35.8950, 26.7990

Conversions

Conversions Part 2

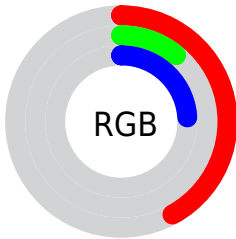
Format	Color
RYB	106, 28, 61
Decimal	6954045
CIELab	24.43, 37.37, -1.22
CIELCh	24, 37.392, 358.127
Yxy	4.2336, 0.4423, 0.2598
Android (android.graphics.Color)	4285144125 (0xFF6A1C3D)
YUV	55.0840, 2.9166, 44.6533
Hunter-Lab	20.5757, 26.5213, 0.4091

Details

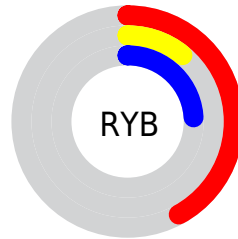
The YIQ color **55.0840, 35.8950, 26.7990** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.9160, -35.8950, -26.7990**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2370, 39.8380, 26.9260**, and **18.6110, 26.6810, 17.5690** is the 20% darker color. If you saturate the color by 10%, you get **47.9430, 40.8460, 30.6860**, and if you desaturate by 10%, it is **62.2250, 30.9440, 22.9120**.

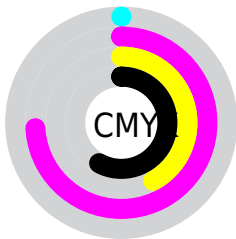
Distribution



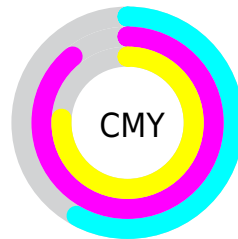
- Red (42%)
- Green (11%)
- Blue (24%)



- Red (42%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (74%)
- Yellow (42%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.0840, 35.8950, 26.7990 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 55.0840, 35.8950, 26.7990 by changing the saturation by 10% instead.

■ 55.0840, 35.8950,
26.7990

■ 55.0840, 35.8950,
26.7990

■ 255.0000, -0.0000,
-0.0000

■ 28.3660, 35.1610,
29.0890

■ 106.2370, 39.8380,
26.9260

■ 18.6110, 26.6810,
17.5690

■ 132.8350, 41.0300,
27.3500

■ 7.8880, 15.1750,
5.8230

■ 159.7320, 42.8180,
27.9860


■ 0.0000, 0.0000,
0.0000


■ 187.3300, 44.0100,
28.4100


■ 208.6490, 32.6860,
24.3820


■ 228.3910, 15.6770,


18.7570


 246.7820, 3.8500,
7.3220


 55.0840, 35.8950,
26.7990


 55.0840, 35.8950,
26.7990


 47.9430, 40.8460,
30.6860


 62.2250, 30.9440,
22.9120


 41.3890, 45.5220,
34.0500

 68.7790, 26.2680,
19.5480

 36.8240, 48.7310,
36.4670

 75.9200, 21.3170,
15.6610

 82.4740, 16.6410,
12.2970

 89.7290, 11.3690,
8.7210

■ 96.8700, 6.4180,
4.8340

■ 103.4240, 1.7420,
1.4700

■ 110.5650, -3.2090,
-2.4170

■ 117.1190, -7.8850,
-5.7810

Harmonies

Analogous

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



59.2480, 14.9420, 26.5740



55.0840, 35.8950, 26.7990



54.2400, 43.7830, 15.9990

Triad

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



55.0840, 35.8950, 26.7990



51.0230, 9.2200, -23.9320



52.0000, -52.7260, -2.5980

Complementary

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



55.0840, 35.8950, 26.7990



78.9160, -35.8950, -26.7990

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.



51.2530, -46.4890, -11.0090



55.0840, 35.8950, 26.7990



43.4670, -27.3210, -28.0010

Square

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



55.0840, 35.8950, 26.7990



54.6990, 28.1080, -13.8120



47.9470, -37.1800, -20.0280



49.5040, -53.9650, 3.3390

Rectangle

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



55.0840, 35.8950, 26.7990



54.9050, 42.8680, 5.0440



47.9470, -37.1800, -20.0280



51.9030, -51.0750, -4.9870

Sweetspot

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



55.0840, 35.8950, 26.7990



117.7510, 14.3030, 10.6150



50.0480, 1.1860, 33.5860



57.2940, 8.1600, 6.3040



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



55.0840, 35.8950, 26.7990



58.9930, 55.7450, 41.5130



54.2570, 45.1130, 13.9210



50.0220, 2.9340, 1.8940



40.6830, 53.6820, 40.3540



85.1110, 112.6360, 84.2840

Inverse Universe

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



55.0840, 35.8950, 26.7990



58.9930, 55.7450, 41.5130



79.7430, -45.1130, -13.9210



50.0220, 2.9340, 1.8940



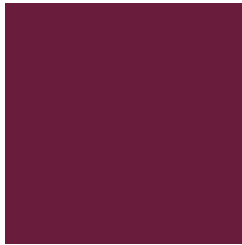
40.6830, 53.6820, 40.3540



85.1110, 112.6360, 84.2840

Previews

White Background



This preview shows how the YIQ color 55.0840, 35.8950, 26.7990 looks on a white background.

Color Contrast Check

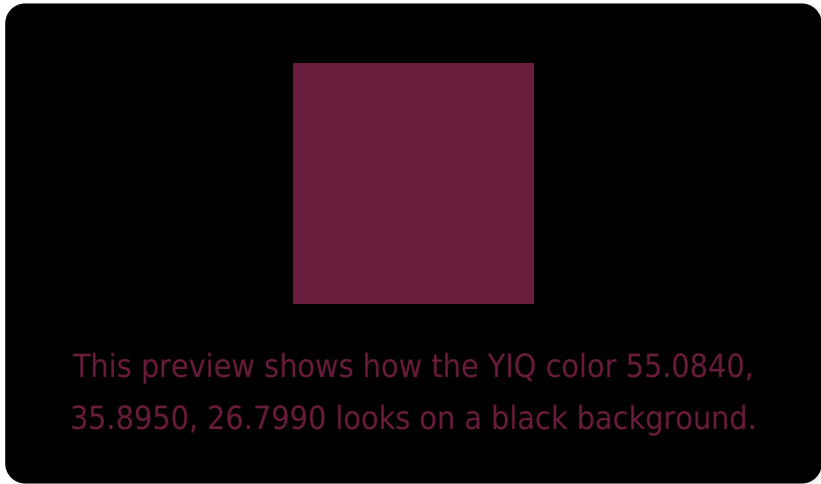
Large Text (above 18pt) WCAG AA ✓ Pass

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

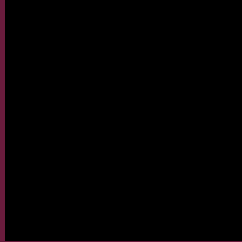
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.0840, 35.8950, 26.7990

Background



This preview shows how black text looks on a background with the YIQ color 55.0840, 35.8950, 26.7990.



This preview shows how white text looks on a background with the YIQ color 55.0840, 35.8950,

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

55.0840, 35.8950, 26.7990

Protanopia

59.8990, -9.7210, 5.4710

Deuteranopia

60.2780, 5.0890, 1.3850



Tritanopia

55.1580, 41.0780, 15.4620

Trichromacy



Original Color

55.0840, 35.8950, 26.7990

Protanomaly

58.3250, 6.8750, 13.0750

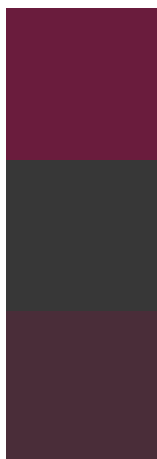
Deuteranomaly

58.4200, 16.7330, 10.6290

Tritanomaly

55.3090, 39.3350, 19.5190

Monochromacy



Original Color

55.0840, 35.8950, 26.7990

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0390, 13.4320, 9.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0840, 35.8950, 26.7990 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(106, 28, 61)` looks like.

```
.text, #text, p{  
    color:rgb(106, 28, 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(106, 28, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 28, 61) }
```

Border

The CSS property to change the border of an element to YIQ 55.0840, 35.8950, 26.7990 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(106, 28, 61) }
```


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

```
.border{ border-color:rgb(106, 28, 61) }
```

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

Here you see how a box with a 4 pixel rgb(106, 28, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 28, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 28, 61);  
box-shadow:4px 4px 4px 4px rgb(106, 28,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 55.0840, 35.8950, 26.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 28, 61) }
```

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

```
.background{ background-color: rgb(106, 28,  
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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