

Converting Colors

YIQ(35.8870, 26.0840, 22.8840)

Have a look what the booklet for
YIQ(35.8870, 26.0840, 22.8840)
contains.

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Color

**YIQ(35.8870, 26.0840,
22.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0E2E
RGB	75, 14, 46
RGB Percent	29%, 5%, 18%
CMY	0.7057, 0.9452, 0.8195
CMYK	0.00, 0.81, 0.39, 0.71
HSL	329°, 69%, 17%
HSV	329°, 81%, 29%
XYZ	3.5552, 2.0084, 2.7871
YIQ	35.8870, 26.0840, 22.8840

Conversions

Conversions Part 2

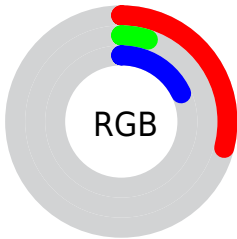
Format	Color
RYB	75, 14, 46
Decimal	4918830
CIELab	15.53, 31.31, -4.58
CIELCh	16, 31.639, 351.679
Yxy	2.0084, 0.4257, 0.2405
Android (android.graphics.Color)	4283108910 (0xFF4B0E2E)
YUV	35.8870, 4.9857, 34.3021
Hunter-Lab	14.1717, 19.9791, -1.7403




Details

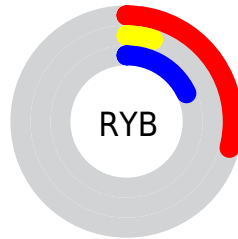
The YIQ color **35.8870, 26.0840, 22.8840** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **53.1130, -26.0840, -22.8840**, and the grayscale version is **36.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **85.4420, 28.8350, 22.5870**, and **7.5890, 14.5790, 5.6110** is the 20% darker color. If you saturate the color by 10%, you get **30.7350, 29.5680, 25.8240**, and if you desaturate by 10%, it is **40.4520, 22.8750, 20.4670**.

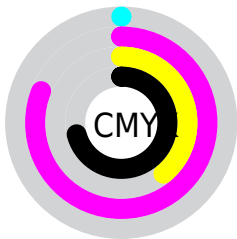
Distribution







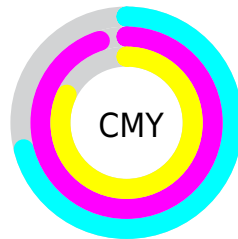
-  Red (29%)
-  Green (5%)
-  Blue (18%)






-  Red (29%)
-  Yellow (5%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (81%)
-  Yellow (39%)
-  Black (71%)





-  Cyan (71%)
-  Magenta (95%)
-  Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 35.8870, 26.0840, 22.8840 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 35.8870, 26.0840, 22.8840 by changing the saturation by 10% instead.


 35.8870, 26.0840,
22.8840


 35.8870, 26.0840,
22.8840

 252.0650, 1.3750,
2.6150


 18.0990, 22.3710,
18.5870


 85.4420, 28.8350,
22.5870


 7.5890, 14.5790,
5.6110

 110.3390, 30.6230,
23.2230

 0.0000, 0.0000,
0.0000

 136.0510, 31.4940,
23.9580


 162.6490, 32.6860,
24.3820


 190.2470, 33.8780,
24.8060


 214.9580, 27.3220,


22.4740


 234.7000, 10.3130,
16.8490


 35.8870, 26.0840,
22.8840


 35.8870, 26.0840,
22.8840


 30.7350, 29.5680,
25.8240


 40.4520, 22.8750,
20.4670

 26.8710, 32.1810,
28.0290

 45.4900, 19.7120,
17.2160

 50.0550, 16.5030,
14.7990

 55.0930, 13.3400,
11.5480

 59.6580, 10.1310,
9.1310

■ 64.6960, 6.9680,
5.8800

■ 69.8480, 3.4840,
2.9400

■ 74.4130, 0.2750,
0.5230

■ 79.4510, -2.8880,
-2.7280

Harmonies

Analogous

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



39.3670, 7.0570, 20.7930



35.8870, 26.0840, 22.8840



34.5640, 34.0630, 15.9430

Triad

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



35.8870, 26.0840, 22.8840



34.8200, 8.7140, -14.7580



36.0250, -36.6790, -1.5670

Complementary

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



35.8870, 26.0840, 22.8840



53.1130, -26.0840, -22.8840

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.



35.0330, -31.1300, -8.5220



35.8870, 26.0840, 22.8840



27.9850, -13.9800, -21.9800

Square

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



35.8870, 26.0840, 22.8840



37.2780, 22.2840, -7.3800



31.8240, -23.4720, -15.1520



34.7030, -38.4680, 3.3240

Rectangle

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



35.8870, 26.0840, 22.8840



35.4250, 35.5320, 5.8360



31.8240, -23.4720, -15.1520



35.9280, -35.0280, -3.9560

Sweetspot

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



35.8870, 26.0840, 22.8840



82.2450, 9.8560, 8.6080



29.3260, -2.8930, 24.9070



39.0980, 5.7760, 5.4560



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



35.8870, 26.0840, 22.8840



36.1050, 40.5700, 35.6900



32.4670, 35.7140, 13.5540



35.4240, 1.7420, 1.4700



36.6540, 43.4580, 38.4180



82.4500, 98.5600, 86.0800

Inverse Universe

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



35.8870, 26.0840, 22.8840



36.1050, 40.5700, 35.6900



56.5330, -35.7140, -13.5540



35.4240, 1.7420, 1.4700



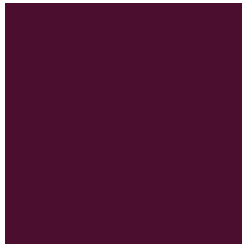
36.6540, 43.4580, 38.4180



82.4500, 98.5600, 86.0800

Previews

White Background



This preview shows how the YIQ color 35.8870, 26.0840, 22.8840 looks on a white background.

Color Contrast Check

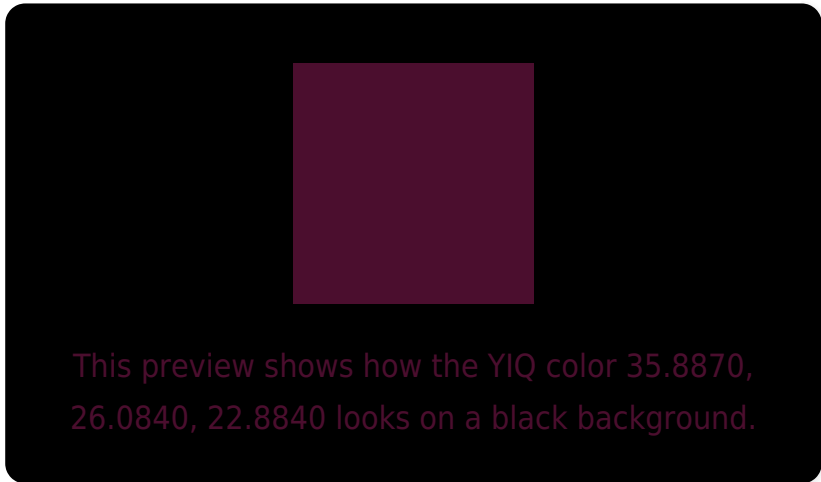
Large Text (above 18pt) WCAG AA ✓ Pass

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

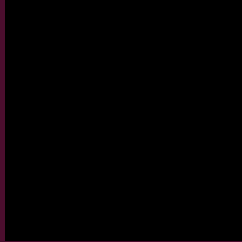
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.8870, 26.0840, 22.8840

Background



This preview shows how black text looks on a background with the YIQ color 35.8870, 26.0840, 22.8840.



This preview shows how white text looks on a background with the YIQ color 35.8870, 26.0840,

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

35.8870, 26.0840, 22.8840

Protanopia

40.5290, -11.5550, 5.6690

Deuteranopia

41.5380, 1.4210, 1.7810



Tritanopia

37.6620, 30.6710, 11.3350

Trichromacy



Original Color

35.8870, 26.0840, 22.8840

Protanomaly

39.0470, 1.7860, 11.6900

Deuteranomaly

39.6580, 10.1310, 9.1310

Tritanomaly

36.8130, 28.9280, 15.3920

Monochromacy



Original Color

35.8870, 26.0840, 22.8840

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9460, 9.2600, 8.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.8870, 26.0840, 22.8840 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(75, 14, 46)` looks like.

```
.text, #text, p{  
    color:rgb(75, 14, 46)  
}
```

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(75, 14, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 14, 46) }
```

Border

The CSS property to change the border of an element to YIQ 35.8870, 26.0840, 22.8840 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(75, 14, 46) }
```


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

```
.border{ border-color:rgb(75, 14, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 14, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 14, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 14, 46);  
box-shadow:4px 4px 4px 4px rgb(75, 14, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.8870, 26.0840, 22.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 14, 46) }
```

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

```
.background{ background-color: rgb(75, 14,  
46) }
```

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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