

Converting Colors

YIQ(41.2760, 34.9340, 16.6780)

Have a look what the booklet for
YIQ(41.2760, 34.9340, 16.6780)
contains.

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Color

**YIQ(41.2760, 34.9340,
16.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	55151F
RGB	85, 21, 31
RGB Percent	33%, 8%, 12%
CMY	0.6665, 0.9177, 0.8783
CMYK	0.00, 0.75, 0.64, 0.67
HSL	351°, 60%, 21%
HSV	351°, 75%, 33%
XYZ	4.2654, 2.5676, 1.5694
YIQ	41.2760, 34.9340, 16.6780

Conversions

Conversions Part 2

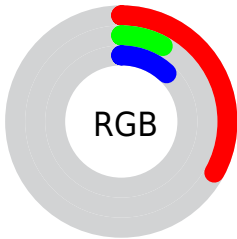
Format	Color
RYB	85, 21, 31
Decimal	5575967
CIELab	18.22, 30.17, 10.33
CIELCh	18, 31.894, 18.898
Yxy	2.5676, 0.5076, 0.3056
Android (android.graphics.Color)	4283766047 (0xFF55151F)
YUV	41.2760, -5.0661, 38.3459
Hunter-Lab	16.0238, 19.4735, 5.4097

Details

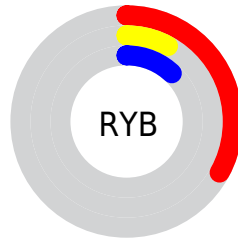
The YIQ color **41.2760, 34.9340, 16.6780** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **64.7240, -34.9340, -16.6780**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **90.6140, 39.7940, 16.7060**, and **10.8780, 21.1350, 7.9430** is the 20% darker color. If you saturate the color by 10%, you get **35.1950, 39.6560, 19.2080**, and if you desaturate by 10%, it is **46.7700, 30.4870, 14.6710**.

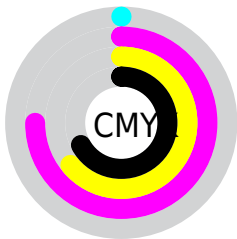
Distribution



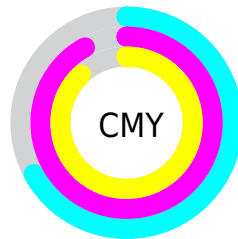
- Red (33%)
- Green (8%)
- Blue (12%)



- Red (33%)
- Yellow (8%)
- Blue (12%)



- Cyan (0%)
- Magenta (75%)
- Yellow (64%)
- Black (67%)



- Cyan (67%)
- Magenta (92%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.2760, 34.9340, 16.6780 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 41.2760, 34.9340, 16.6780 by changing the saturation by 10% instead.

■ 41.2760, 34.9340,
16.6780

■ 41.2760, 34.9340,
16.6780

■ 255.0000, -0.0000,
-0.0000

■ 18.7380, 33.5130,
14.8970

■ 90.6140, 39.7940,
16.7060

■ 10.8780, 21.1350,
7.9430

■ 115.9840, 41.6280,
16.5080

■ 0.0000, 0.0000,
0.0000


■ 142.1800, 44.0120,
17.3560


■ 169.0770, 45.8000,
17.9920


■ 196.6750, 46.9920,
18.4160


■ 216.7870, 31.8170,


12.5930


 236.4150, 15.1290,
6.6570


 41.2760, 34.9340,
16.6780


 41.2760, 34.9340,
16.6780


 35.1950, 39.6560,
19.2080


 46.7700, 30.4870,
14.6710


 29.7010, 44.1030,
21.2150

 52.8510, 25.7650,
12.1410

 26.8970, 46.4870,
22.0630

 58.4590, 20.9970,
10.4450

 64.5400, 16.2750,
7.9150

 70.0340, 11.8280,
5.9080

■ 76.1150, 7.1060,
3.3780

■ 82.1960, 2.3840,
0.8480

■ 87.6900, -2.0630,
-1.1590

■ 93.8850, -7.1060,
-3.3780

Harmonies

Analogous

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



42.7020, 25.1670, 22.9830



41.2760, 34.9340, 16.6780



41.7300, 35.9910, 3.0230

Triad

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



41.2760, 34.9340, 16.6780



35.0670, -11.2750, -21.4430



39.6100, -42.6400, 1.8400

Complementary

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



41.2760, 34.9340, 16.6780



64.7240, -34.9340, -16.6780

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.



40.7040, -40.2090, -3.6730



41.2760, 34.9340, 16.6780



35.6880, -26.0850, -17.3570

Square

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



41.2760, 34.9340, 16.6780



41.0330, 12.4280, -15.9880



39.0110, -34.0640, -10.4160



41.8620, -25.4940, 10.4900

Rectangle

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



41.2760, 34.9340, 16.6780



42.3500, 30.9490, -4.7230



39.0110, -34.0640, -10.4160



39.8550, -41.9520, 0.3840

Sweetspot

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



41.2760, 34.9340, 16.6780



92.2300, 14.2120, 6.7560



44.1430, 11.0440, 31.1400



45.1260, 8.5730, 4.3250



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



41.2760, 34.9340, 16.6780



42.3110, 54.1890, 25.6530



52.4630, 32.3690, 2.5850



40.3100, 2.0630, 1.1590



33.9310, 58.3150, 27.9710



74.4830, 128.1830, 61.3270

Inverse Universe

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



41.2760, 34.9340, 16.6780



42.3110, 54.1890, 25.6530



53.5370, -32.3690, -2.5850



40.3100, 2.0630, 1.1590



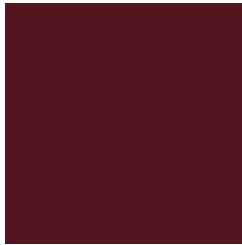
33.9310, 58.3150, 27.9710



74.4830, 128.1830, 61.3270

Previews

White Background



This preview shows how the YIQ color 41.2760, 34.9340, 16.6780 looks on a white background.

Color Contrast Check

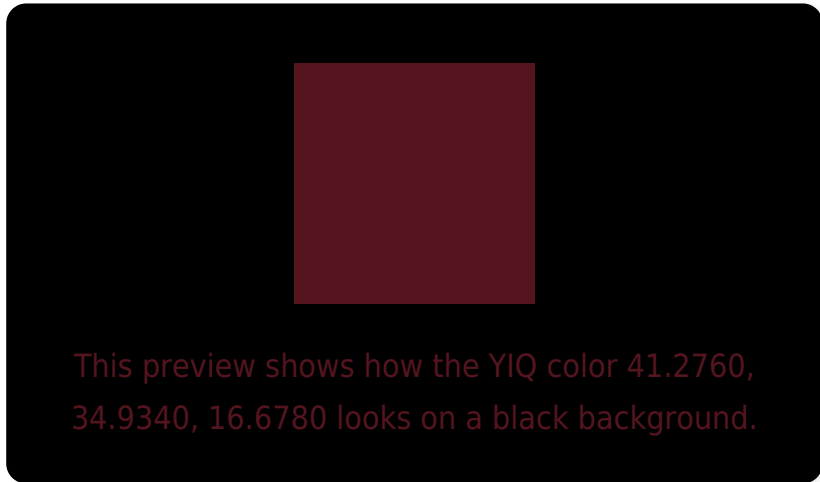
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.2760, 34.9340, 16.6780

Background



This preview shows how black text looks on a background with the YIQ color 41.2760, 34.9340, 16.6780.



This preview shows how white text looks on a background with the YIQ color 41.2760, 34.9340,

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

41.2760, 34.9340, 16.6780

Protanopia

46.1420, 2.4760, -0.8200

Deuteranopia

45.7640, 12.2880, -2.4320



Tritanopia

40.9510, 37.2270, 13.6670

Trichromacy



Original Color

41.2760, 34.9340, 16.6780

Protanomaly

44.2900, 13.9830, 5.3990

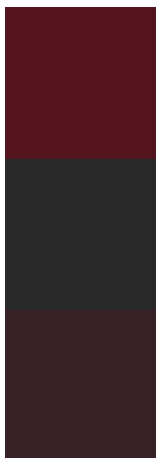
Deuteranomaly

44.4710, 20.7230, 4.3950

Tritanomaly

41.2930, 36.2640, 14.6000

Monochromacy



Original Color

41.2760, 34.9340, 16.6780

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.2190, 12.7450, 5.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.2760, 34.9340, 16.6780 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(85, 21, 31)` looks like.

```
.text, #text, p{  
    color:rgb(85, 21, 31)  
}
```

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(85, 21, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 21, 31) }
```

Border

The CSS property to change the border of an element to YIQ 41.2760, 34.9340, 16.6780 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(85, 21, 31) }
```


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

```
.border{ border-color:rgb(85, 21, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 21, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 21, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 21, 31);  
box-shadow:4px 4px 4px 4px rgb(85, 21, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.2760, 34.9340, 16.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 21, 31) }
```

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

```
.background{ background-color: rgb(85, 21,  
31) }
```

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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