

Converting Colors

YIQ(40.9600, 33.0080, 18.5440)

Have a look what the booklet for
YIQ(40.9600, 33.0080, 18.5440)
contains.

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Color

**YIQ(40.9600, 33.0080,
18.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	541424
RGB	84, 20, 36
RGB Percent	33%, 8%, 14%
CMY	0.6704, 0.9217, 0.8587
CMYK	0.00, 0.76, 0.57, 0.67
HSL	345°, 62%, 20%
HSV	345°, 76%, 33%
XYZ	4.2284, 2.5137, 1.9338
YIQ	40.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

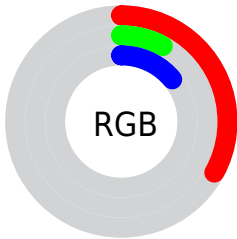
Format	Color
R_{YB}	84, 20, 36
Decimal	5510180
CIE _{Lab}	17.98, 30.70, 6.41
CIE _{LCh}	18, 31.362, 11.785
Yxy	2.5137, 0.4874, 0.2897
Android (android.graphics.Color)	4283700260 (0xFF541424)
YUV	40.9600, -2.4453, 37.7461
Hunter-Lab	15.8545, 19.8611, 3.8664

Details

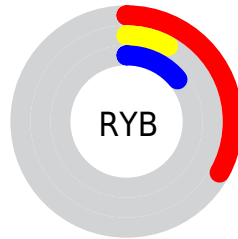
The YIQ color **40.9600, 33.0080, 18.5440** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.0400, -33.0080, -18.5440**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **89.9990, 37.2720, 18.3600**, and **10.8780, 21.1350, 7.9430** is the 20% darker color. If you saturate the color by 10%, you get **35.5800, 37.1340, 20.8620**, and if you desaturate by 10%, it is **46.3400, 28.8820, 16.2260**.

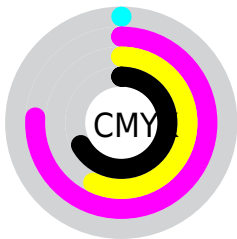
Distribution



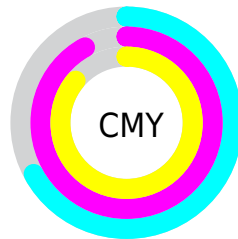
- Red (33%)
- Green (8%)
- Blue (14%)



- Red (33%)
- Yellow (8%)
- Blue (14%)



- Cyan (0%)
- Magenta (76%)
- Yellow (57%)
- Black (67%)



- Cyan (67%)
- Magenta (92%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.9600, 33.0080, 18.5440 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 40.9600, 33.0080, 18.5440 by changing the saturation by 10% instead.

■ 40.9600, 33.0080,
18.5440

■ 40.9600, 33.0080,
18.5440

■ 255.0000, -0.0000,
-0.0000

■ 19.3510, 30.3490,
17.1730

■ 89.9990, 37.2720,
18.3600

■ 10.8780, 21.1350,
7.9430

■ 115.7820, 39.3810,
18.6850

■ 0.0000, 0.0000,
0.0000


■ 141.6790, 41.1690,
19.3210


■ 168.5760, 42.9570,
19.9570


■ 196.1740, 44.1490,
20.3810


■ 216.9980, 29.8450,


15.2930


 236.6260, 13.1570,
9.3570


 40.9600, 33.0080,
18.5440


 40.9600, 33.0080,
18.5440


 35.5800, 37.1340,
20.8620


 46.3400, 28.8820,
16.2260


 29.4990, 41.8560,
23.3920

 52.4210, 24.1600,
13.6960

 27.5100, 43.3230,
24.3390

 57.8010, 20.0340,
11.3780

 63.7680, 15.6330,
8.5370

 69.2620, 11.1860,
6.5300

■ 74.6420, 7.0600,
4.2120

■ 80.6090, 2.6590,
1.3710

■ 85.9890, -1.4670,
-0.9470

■ 92.0700, -6.1890,
-3.4770

Harmonies

Analogous

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



43.2500, 20.6280, 22.6440



40.9600, 33.0080, 18.5440



41.6530, 34.8900, 6.4580

Triad

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



40.9600, 33.0080, 18.5440



36.6720, -2.7930, -20.9770



39.2680, -41.6770, 0.9070

Complementary

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



40.9600, 33.0080, 18.5440



63.0400, -33.0080, -18.5440

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.



40.1340, -38.6040, -5.2280



40.9600, 33.0080, 18.5440



34.4170, -23.8840, -18.7000

Square

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



40.9600, 33.0080, 18.5440



41.0550, 15.3620, -14.0940



37.7400, -31.8630, -11.7590



37.1700, -38.2850, 5.5150

Rectangle

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



40.9600, 33.0080, 18.5440



41.1870, 32.9660, -2.7300



37.7400, -31.8630, -11.7590



40.1000, -41.2640, -1.0720

Sweetspot

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



40.9600, 33.0080, 18.5440



92.5720, 13.2490, 7.6890



41.3490, 7.4680, 29.8680



45.2400, 8.2520, 4.6360



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.



40.9600, 33.0080, 18.5440



42.7500, 51.5750, 28.9750



47.9410, 34.0190, 5.7230



38.3100, 2.0630, 1.1590



34.3590, 54.2340, 30.3460



75.9800, 119.6540, 67.2220

Inverse Universe

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



40.9600, 33.0080, 18.5440



42.7500, 51.5750, 28.9750



56.0590, -34.0190, -5.7230



38.3100, 2.0630, 1.1590



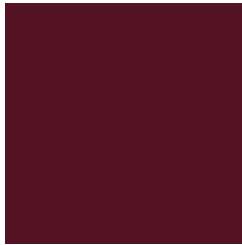
34.3590, 54.2340, 30.3460



75.9800, 119.6540, 67.2220

Previews

White Background



This preview shows how the YIQ color 40.9600, 33.0080, 18.5440 looks on a white background.

Color Contrast Check

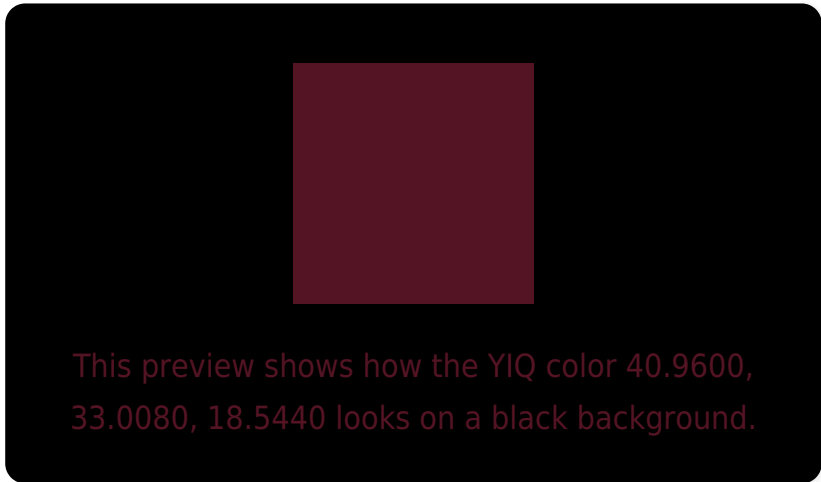
Large Text (above 18pt) WCAG AA ✓ Pass

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

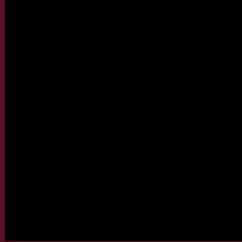
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.9600, 33.0080, 18.5440

Background



This preview shows how black text looks on a background with the YIQ color 40.9600, 33.0080, 18.5440.



This preview shows how white text looks on a background with the YIQ color 40.9600, 33.0080,

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

40.9600, 33.0080, 18.5440

Protanopia

46.2280, -0.6420, 0.6220

Deuteranopia

45.7360, 9.4910, -1.3010



Tritanopia

41.0540, 35.4390, 13.0310

Trichromacy



Original Color

40.9600, 33.0080, 18.5440

Protanomaly

44.6750, 11.4610, 7.0530

Deuteranomaly

43.8560, 18.2010, 6.0490

Tritanomaly

40.9230, 34.4300, 14.7980

Monochromacy



Original Color

40.9600, 33.0080, 18.5440

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

40.8600, 12.3780, 6.9540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.9600, 33.0080, 18.5440 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(84, 20, 36)` looks like.

```
.text, #text, p{  
    color:rgb(84, 20, 36)  
}
```

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(84, 20, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 20, 36) }
```

Border

The CSS property to change the border of an element to YIQ 40.9600, 33.0080, 18.5440 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(84, 20, 36) }
```


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

```
.border{ border-color:rgb(84, 20, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 20, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 20, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 20, 36);  
box-shadow:4px 4px 4px 4px rgb(84, 20, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.9600, 33.0080, 18.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 20, 36) }
```

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

```
.background{ background-color: rgb(84, 20,  
36) }
```

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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