

Converting Colors

YIQ(41.0300, 18.7920, 33.8960)

Have a look what the booklet for
YIQ(41.0300, 18.7920, 33.8960)
contains.

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Color

**YIQ(41.0300, 18.7920,
33.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	500E4E
RGB	80, 14, 78
RGB Percent	31%, 5%, 31%
CMY	0.6861, 0.9452, 0.6941
CMYK	0.00, 0.83, 0.03, 0.69
HSL	302°, 70%, 18%
HSV	302°, 83%, 31%
XYZ	4.8445, 2.5711, 7.4499
YIQ	41.0300, 18.7920, 33.8960

Conversions

Conversions Part 2

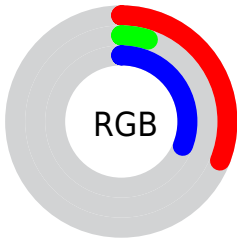
Format	Color
RYB	80, 14, 78
Decimal	5246542
CIELab	18.24, 37.81, -22.77
CIELCh	18, 44.138, 328.942
Yxy	2.5711, 0.3259, 0.1730
Android (android.graphics.Color)	4283436622 (0xFF500E4E)
YUV	41.0300, 18.2262, 34.1767
Hunter-Lab	16.0348, 25.8689, -16.3222

Details

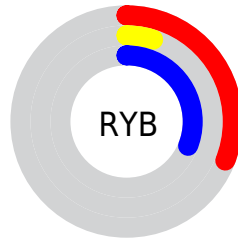
The YIQ color **41.0300, 18.7920, 33.8960** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.9700, -18.7920, -33.8960**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **92.1010, 20.0300, 33.4860**, and **14.3410, 9.9460, 17.9940** is the 20% darker color. If you saturate the color by 10%, you get **36.3340, 20.9920, 38.0800**, and if you desaturate by 10%, it is **45.7260, 16.5920, 29.7120**.

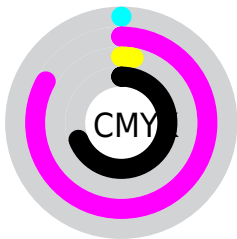
Distribution



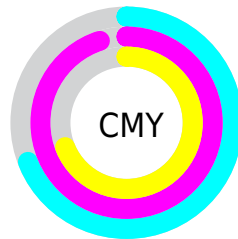
- Red (31%)
- Green (5%)
- Blue (31%)



- Red (31%)
- Yellow (5%)
- Blue (31%)



- Cyan (0%)
- Magenta (83%)
- Yellow (3%)
- Black (69%)



- Cyan (69%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.0300, 18.7920, 33.8960 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 41.0300, 18.7920, 33.8960 by changing the saturation by 10% instead.

41.0300, 18.7920,
33.8960

41.0300, 18.7920,
33.8960

254.4130, 0.2750,
0.5230

22.7150, 15.1250,
28.7650

92.1010, 20.0300,
33.4860

14.3410, 9.9460,
17.9940

117.9270, 20.5800,
34.5320

0.6840, -1.9260,
1.8660

144.2260, 21.1760,
34.7440

0.0000, 0.0000,
0.0000


171.3510, 22.3220,
36.0020


199.0630, 23.1930,
36.7370


220.9540, 15.9500,


30.3340


 237.3900, 8.2500,
15.6900


 41.0300, 18.7920,
33.8960


 41.0300, 18.7920,
33.8960


 36.3340, 20.9920,
38.0800

 45.7260, 16.5920,
29.7120

 32.8120, 22.6420,
41.2180

 50.5360, 14.0710,
25.8390

 55.2320, 11.8710,
21.6550

 59.9280, 9.6710,
17.4710

 64.6240, 7.4710,
13.2870

■ 69.3200, 5.2710,
9.1030

■ 74.1300, 2.7500,
5.2300

■ 78.8260, 0.5500,
1.0460

■ 83.5220, -1.6500,
-3.1380

Harmonies

Analogous

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



42.8120, -22.0570, 19.7910



41.0300, 18.7920, 33.8960



34.3610, 42.7250, 35.1810

Triad

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



41.0300, 18.7920, 33.8960



42.2840, 22.1470, -10.4050



42.5960, -40.0250, -7.0090

Complementary

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



41.0300, 18.7920, 33.8960



52.9700, -18.7920, -33.8960

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.



38.2470, -29.1570, -16.7490



41.0300, 18.7920, 33.8960



37.4120, 0.8750, -21.3730

Square

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



41.0300, 18.7920, 33.8960



40.6550, 40.5760, 2.5280



32.9690, -17.0510, -26.8990



44.2720, -47.5000, 1.8120

Rectangle

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



41.0300, 18.7920, 33.8960



32.2660, 50.0620, 28.8620



32.9690, -17.0510, -26.8990



41.3420, -36.4940, -10.4300

Sweetspot

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



41.0300, 18.7920, 33.8960



89.0370, 7.7460, 13.8100



21.8230, -20.5900, 20.7380



43.9070, 4.9960, 8.5800



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



41.0300, 18.7920, 33.8960



43.4960, 29.8840, 53.1480



37.3820, 29.0640, 23.9440



38.6520, 1.1000, 2.0920



42.9090, 30.1590, 53.6710



95.0180, 66.0470, 119.1590

Inverse Universe

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



41.0300, 18.7920, 33.8960



43.4960, 29.8840, 53.1480



56.6180, -29.0640, -23.9440



38.6520, 1.1000, 2.0920



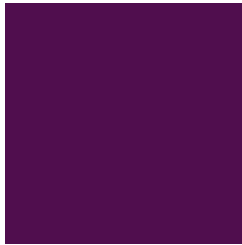
42.9090, 30.1590, 53.6710



95.0180, 66.0470, 119.1590

Previews

White Background



This preview shows how the YIQ color 41.0300, 18.7920, 33.8960 looks on a white background.

Color Contrast Check

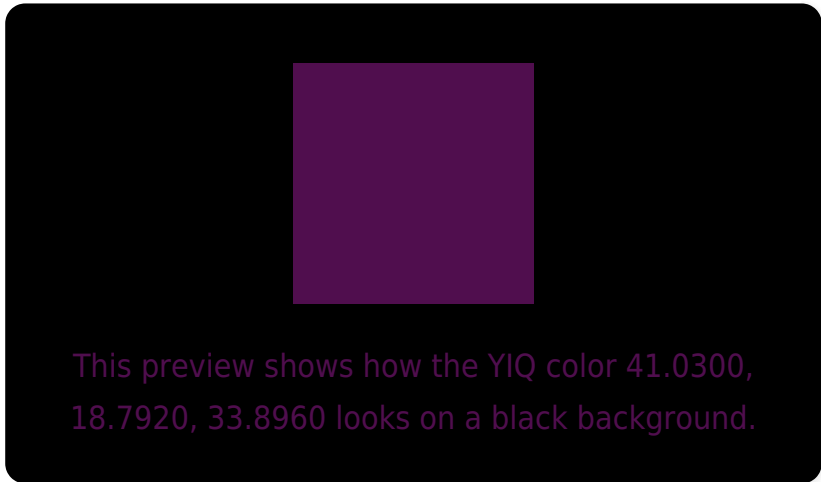
Large Text (above 18pt) WCAG AA ✓ Pass

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

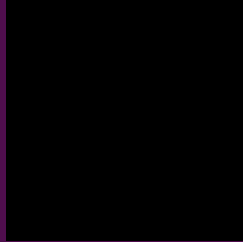
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.0300, 18.7920, 33.8960

Background



This preview shows how black text looks on a background with the YIQ color 41.0300, 18.7920, 33.8960.



This preview shows how white text looks on a background with the YIQ color 41.0300, 18.7920,

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

41.0300, 18.7920, 33.8960

Protanopia

37.3590, -43.1910, 6.3210

Deuteranopia

45.5930, -17.6070, 5.2170



Tritanopia

45.7860, 24.3900, 9.5260

Trichromacy



Original Color

41.0300, 18.7920, 33.8960

Protanomaly

38.7750, -20.6350, 16.0450

Deuteranomaly

43.7460, -4.4960, 15.4080

Tritanomaly

44.0990, 22.3710, 18.5870

Monochromacy



Original Color

41.0300, 18.7920, 33.8960

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

40.7980, 6.9210, 12.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.0300, 18.7920, 33.8960 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(80, 14, 78)` looks like.

```
.text, #text, p{  
    color:rgb(80, 14, 78)  
}
```

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(80, 14, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 14, 78) }
```

Border

The CSS property to change the border of an element to YIQ 41.0300, 18.7920, 33.8960 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(80, 14, 78) }
```


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

```
.border{ border-color:rgb(80, 14, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 14, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 14, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 14, 78);  
box-shadow:4px 4px 4px 4px rgb(80, 14, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.0300, 18.7920, 33.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 14, 78) }
```

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

```
.background{ background-color: rgb(80, 14,  
78) }
```

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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