

Converting Colors

YIQ(43.7080, 25.0300, 19.9580)

Have a look what the booklet for
YIQ(43.7080, 25.0300, 19.9580)
contains.

YIQ(43.7080, 25.0300, 19.9580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(43.7080, 25.0300,
19.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	501832
RGB	80, 24, 50
RGB Percent	31%, 9%, 20%
CMY	0.6861, 0.9060, 0.8038
CMYK	0.00, 0.70, 0.38, 0.69
HSL	332°, 54%, 20%
HSV	332°, 70%, 31%
XYZ	4.2138, 2.5899, 3.2977
YIQ	43.7080, 25.0300, 19.9580

Conversions

Conversions Part 2

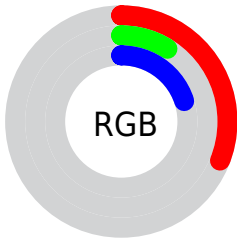
Format	Color
R_{YB}	80, 24, 50
Decimal	5249074
CIE _{Lab}	18.32, 29.03, -3.17
CIE _{LCh}	18, 29.202, 353.770
Yxy	2.5899, 0.4171, 0.2564
Android (android.graphics.Color)	4283439154 (0xFF501832)
YUV	43.7080, 3.1020, 31.8281
Hunter-Lab	16.0932, 18.5750, -0.8841

Details

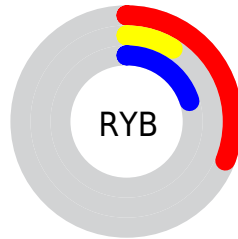
The YIQ color **43.7080, 25.0300, 19.9580** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **60.2920, -25.0300, -19.9580**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **92.0890, 28.3310, 20.7070**, and **10.6930, 20.2180, 8.0420** is the 20% darker color. If you saturate the color by 10%, you get **38.5560, 28.5140, 22.8980**, and if you desaturate by 10%, it is **48.8600, 21.5460, 17.0180**.

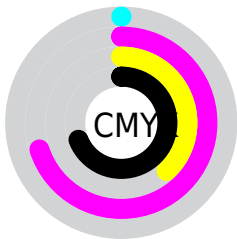
Distribution



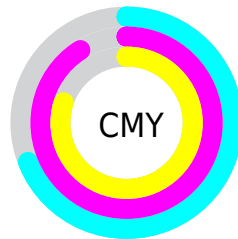
- Red (31%)
- Green (9%)
- Blue (20%)



- Red (31%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (38%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.7080, 25.0300, 19.9580 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 43.7080, 25.0300, 19.9580 by changing the saturation by 10% instead.

43.7080, 25.0300,
19.9580

43.7080, 25.0300,
19.9580

255.0000, -0.0000,
-0.0000

19.7510, 23.4710,
20.6790

92.0890, 28.3310,
20.7070

10.6930, 20.2180,
8.0420

117.6870, 29.5230,
21.1310

0.0000, 0.0000,
0.0000

143.3990, 30.3940,
21.8660


170.2960, 32.1820,
22.5020


198.0080, 33.0530,
23.2370


220.9250, 22.9210,


19.6330

 240.3250, 6.8750,
13.0750


 43.7080, 25.0300,
19.9580


 43.7080, 25.0300,
19.9580


 38.5560, 28.5140,
22.8980


 48.8600, 21.5460,
17.0180


 33.2900, 32.3190,
25.5270

 54.1260, 17.7410,
14.3890

 28.1380, 35.8030,
28.4670

 59.2780, 14.2570,
11.4490

 64.4300, 10.7730,
8.5090

 69.5820, 7.2890,
5.5690

■ 74.8480, 3.4840,
2.9400

■ 80.0000, 0.0000,
-0.0000

■ 85.1520, -3.4840,
-2.9400

■ 90.4180, -7.2890,
-5.5690

Harmonies

Analogous

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



45.9110, 8.3410, 19.5490



43.7080, 25.0300, 19.9580



42.4990, 32.6880, 13.3280

Triad

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



43.7080, 25.0300, 19.9580



39.8370, 10.0440, -16.8360



40.0030, -39.6130, -3.4610

Complementary

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



43.7080, 25.0300, 19.9580



60.2920, -25.0300, -19.9580

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.



38.6520, -34.4310, -9.2710



43.7080, 25.0300, 19.9580



35.2670, -14.7140, -19.6900

Square

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



43.7080, 25.0300, 19.9580



42.2950, 23.6140, -9.4580



36.1440, -27.3690, -16.1130



38.0940, -41.1270, 1.9530

Rectangle

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



43.7080, 25.0300, 19.9580



42.7560, 33.1020, 5.8220



36.1440, -27.3690, -16.1130



40.0200, -38.2830, -5.5390

Sweetspot

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



43.7080, 25.0300, 19.9580



90.7180, 9.9020, 7.7740



39.3540, -0.0960, 23.7760



44.8700, 6.4180, 4.8340



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.



43.7080, 25.0300, 19.9580



47.9860, 39.2870, 31.4070



41.9180, 32.8260, 10.8260



38.4240, 1.7420, 1.4700



36.9810, 46.8510, 37.4990



81.6800, 103.6040, 82.7720

Inverse Universe

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



43.7080, 25.0300, 19.9580



47.9860, 39.2870, 31.4070



62.0820, -32.8260, -10.8260



38.4240, 1.7420, 1.4700



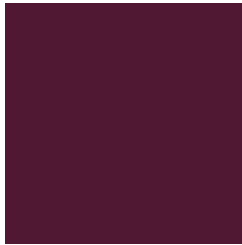
36.9810, 46.8510, 37.4990



81.6800, 103.6040, 82.7720

Previews

White Background



This preview shows how the YIQ color 43.7080, 25.0300, 19.9580 looks on a white background.

Color Contrast Check

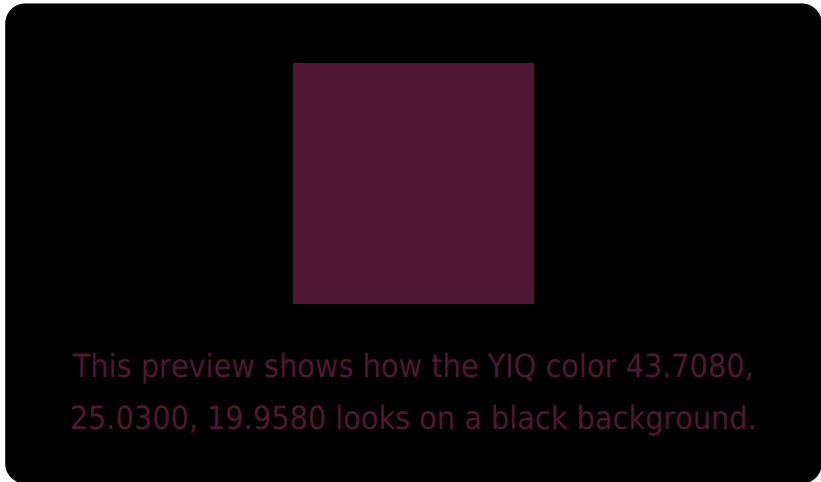
Large Text (above 18pt) WCAG AA ✓ Pass

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

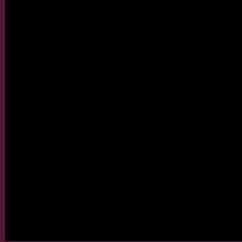
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.7080, 25.0300, 19.9580

Background



This preview shows how black text looks on a background with the YIQ color 43.7080, 25.0300, 19.9580.



This preview shows how white text looks on a background with the YIQ color 43.7080, 25.0300,

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

43.7080, 25.0300, 19.9580

Protanopia

45.9700, -8.4830, 5.0610

Deuteranopia

46.7230, 2.3380, 1.6820



Tritanopia

44.1780, 29.1580, 11.2220

Trichromacy



Original Color

43.7080, 25.0300, 19.9580

Protanomaly

44.8900, 3.6660, 10.6580

Deuteranomaly

45.4300, 10.7730, 8.5090

Tritanomaly

43.8020, 27.4610, 14.4450

Monochromacy



Original Color

43.7080, 25.0300, 19.9580

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0060, 9.0310, 7.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.7080, 25.0300, 19.9580 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, 24, 50)` looks like.

```
.text, #text, p{  
    color:rgb(80, 24, 50)  
}
```

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, 24, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 24, 50) }
```

Border

The CSS property to change the border of an element to YIQ 43.7080, 25.0300, 19.9580 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, 24, 50) }
```


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

```
.border{ border-color:rgb(80, 24, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 24, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 24, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 24, 50);  
box-shadow:4px 4px 4px 4px rgb(80, 24, 50)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.7080, 25.0300, 19.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 24, 50) }
```

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

```
.background{ background-color: rgb(80, 24,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor