

Converting Colors

YIQ(47.8130, 19.7600, 5.3280)

Have a look what the booklet for
YIQ(47.8130, 19.7600, 5.3280)
contains.

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Color

**YIQ(47.8130, 19.7600,
5.3280)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 462723 |
| RGB | 70, 39, 35 |
| RGB Percent | 27%, 15%, 14% |
| CMY | 0.7254, 0.8471, 0.8627 |
| CMYK | 0.00, 0.44, 0.50, 0.73 |
| HSL | 7°, 33%, 21% |
| HSV | 7°, 50%, 27% |
| XYZ | 3.5559, 2.8744, 1.9591 |
| YIQ | 47.8130, 19.7600, 5.3280 |

Conversions

Conversions Part 2

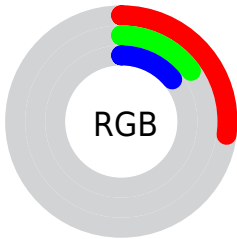
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 70, 40, 35 |
| Decimal | 4597539 |
| CIE Lab | 19.53, 14.06, 8.86 |
| CIE LCh | 20, 16.621, 32.202 |
| Yxy | 2.8744, 0.4239, 0.3426 |
| Android (android.graphics.Color) | 4282787619 (0xFF462723) |
| YUV | 47.8130, -6.3168, 19.4580 |
| Hunter-Lab | 16.9541, 7.7680, 5.0166 |

Details

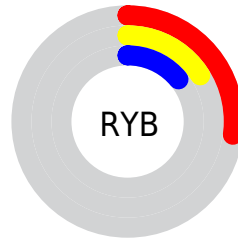
The YIQ color **47.8130, 19.7600, 5.3280** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **57.1870, -19.7600, -5.3280**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1940, 23.0610, 6.0770**, and **7.5890, 14.5790, 5.6110** is the 20% darker color. If you saturate the color by 10%, you get **43.4930, 23.6570, 6.2890**, and if you desaturate by 10%, it is **52.1330, 15.8630, 4.3670**.

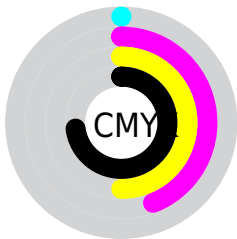
Distribution



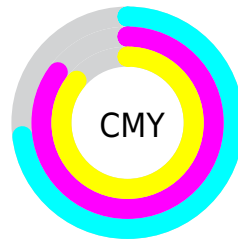
- Red (27%)
- Green (15%)
- Blue (14%)



- Red (27%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (44%)
- Yellow (50%)
- Black (73%)



- Cyan (73%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.8130, 19.7600, 5.3280 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 47.8130, 19.7600, 5.3280 by changing the saturation by 10% instead.

■ 47.8130, 19.7600,
5.3280

■ 47.8130, 19.7600,
5.3280

■ 255.0000, -0.0000,
-0.0000

■ 26.2150, 18.5680,
4.9040

■ 94.1940, 23.0610,
6.0770

■ 7.5890, 14.5790,
5.6110

■ 119.3790, 23.9780,
5.9780

■ 0.0000, 0.0000,
0.0000

■ 144.9770, 25.1700,
6.4020

■ 172.1620, 26.0870,
6.3030

■ 199.4610, 26.6830,
6.5150

■ 226.2760, 25.7660,

6.6140

246.4910, 8.8030,
0.1550

47.8130, 19.7600,
5.3280

47.8130, 19.7600,
5.3280

43.4930, 23.6570,
6.2890

52.1330, 15.8630,
4.3670

39.1730, 27.5540,
7.2500

56.4530, 11.9660,
3.4060

34.2660, 31.7260,
8.7340

61.3600, 7.7940,
1.9220

29.9460, 35.6230,
9.6950

65.6800, 3.8970,
0.9610

25.6260, 39.5200,
10.6560

70.0000, 0.0000,
0.0000

■ 74.3200, -3.8970,
-0.9610

■ 78.6400, -7.7940,
-1.9220

■ 83.5470, -11.9660,
-3.4060

■ 87.8670, -15.8630,
-4.3670

Harmonies

Analogous

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



48.5940, 16.1830, 9.5830



47.8130, 19.7600, 5.3280



47.3410, 17.9730, -0.8350

Triad

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



47.8130, 19.7600, 5.3280



43.2880, -10.0390, -10.7990



45.5390, -17.5150, 3.5490

Complementary

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



47.8130, 19.7600, 5.3280



57.1870, -19.7600, -5.3280

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.



40.0700, -32.5520, -4.7760



47.8130, 19.7600, 5.3280



39.5620, -25.4900, -11.6180

Square

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



47.8130, 19.7600, 5.3280



44.8720, 2.9360, -9.1600



37.9510, -33.8350, -9.0590



48.5300, -4.1280, 8.7360

Rectangle

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



47.8130, 19.7600, 5.3280



46.3790, 14.8100, -4.0860



37.9510, -33.8350, -9.0590



43.7340, -22.5580, 1.3300

Sweetspot

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



47.8130, 19.7600, 5.3280



83.3600, 7.7940, 1.9220



49.1130, 10.5880, 17.3720



40.9790, 4.4930, 1.1730



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



47.8130, 19.7600, 5.3280



56.9670, 31.1300, 8.5220



57.7920, 15.0850, -3.5630



33.7830, 2.1090, 0.3250



36.0580, 55.9790, 15.2350



83.1350, 128.1420, 34.5260

Inverse Universe

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



57.1870, -19.7600, -5.3280



72.0330, -31.1300, -8.5220



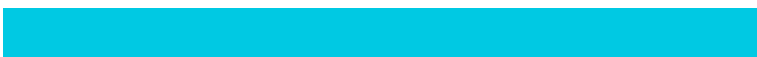
47.2080, -15.0850, 3.5630



34.2170, -2.1090, -0.3250



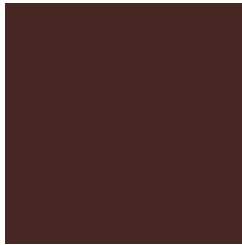
62.9420, -55.9790, -15.2350



143.8650, -128.1420, -34.5260

Previews

White Background



This preview shows how the YIQ color 47.8130, 19.7600, 5.3280 looks on a white background.

Color Contrast Check

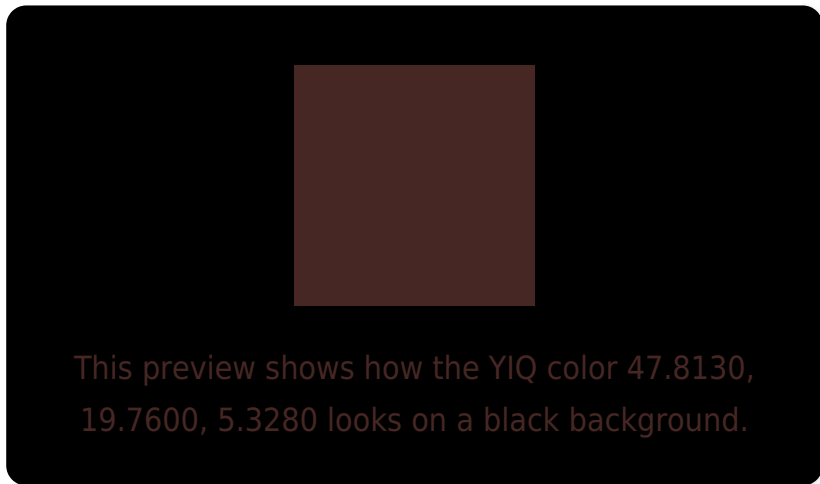
Large Text (above 18pt) WCAG AA ✓ Pass

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

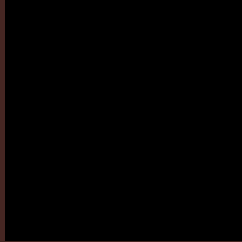
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.8130, 19.7600, 5.3280

Background



This preview shows how black text looks on a background with the YIQ color 47.8130, 19.7600, 5.3280.

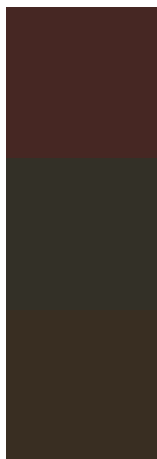


This preview shows how white text looks on a background with the YIQ color 47.8130, 19.7600,

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

47.8130, 19.7600, 5.3280

Protanopia

47.8710, 4.6770, -2.1630

Deuteranopia

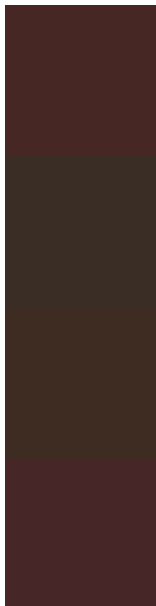
47.9210, 10.4080, -1.4000



Tritanopia

47.9100, 18.1090, 7.7170

Trichromacy



Original Color

47.8130, 19.7600, 5.3280

Protanomaly

48.0890, 9.9950, 0.5790

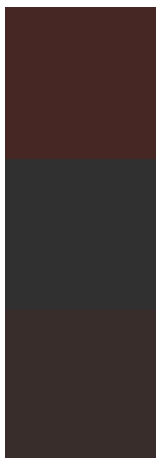
Deuteranomaly

47.6550, 14.2130, 1.2290

Tritanomaly

47.6820, 18.7510, 7.0950

Monochromacy



Original Color

47.8130, 19.7600, 5.3280

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.0610, 7.1980, 1.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.8130, 19.7600, 5.3280 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(70, 39, 35)` looks like.

```
.text, #text, p{  
    color:rgb(70, 39, 35)  
}
```

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(70, 39, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 39, 35) }
```

Border

The CSS property to change the border of an element to YIQ 47.8130, 19.7600, 5.3280 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(70, 39, 35) }
```


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

```
.border{ border-color:rgb(70, 39, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 39, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 39, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 39, 35);  
box-shadow:4px 4px 4px 4px rgb(70, 39, 35)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.8130, 19.7600, 5.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 39, 35) }
```

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

```
.background{ background-color: rgb(70, 39,  
35) }
```

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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