

Converting Colors

YIQ(76.2860, 19.8060, 4.4940)

Have a look what the booklet for
YIQ(76.2860, 19.8060, 4.4940)
contains.

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Color

**YIQ(76.2860, 19.8060,
4.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	62443E
RGB	98, 68, 62
RGB Percent	38%, 27%, 24%
CMY	0.6156, 0.7334, 0.7568
CMYK	0.00, 0.31, 0.37, 0.62
HSL	10°, 22%, 31%
HSV	10°, 37%, 38%
XYZ	7.9753, 7.0784, 5.5064
YIQ	76.2860, 19.8060, 4.4940

Conversions

Conversions Part 2

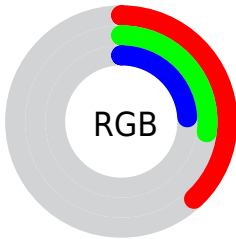
Format	Color
R_{YB}	98, 69, 62
Decimal	6439998
CIE Lab	31.98, 12.07, 8.77
CIE LCh	32, 14.918, 36.016
Yxy	7.0784, 0.3879, 0.3443
Android (android.graphics.Color)	4284630078 (0xFF62443E)
YUV	76.2860, -7.0430, 19.0432
Hunter-Lab	26.6052, 6.9489, 6.3526




Details

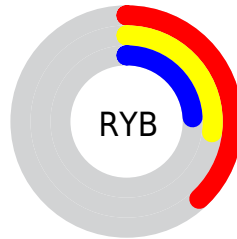
The YIQ color **76.2860, 19.8060, 4.4940** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.7140, -19.8060, -4.4940**, and the grayscale version is **76.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **125.3680, 22.5110, 5.0310**, and **31.9050, 16.5050, 3.7450** is the 20% darker color. If you saturate the color by 10%, you get **70.4500, 25.2160, 5.5680**, and if you desaturate by 10%, it is **82.1220, 14.3960, 3.4200**.

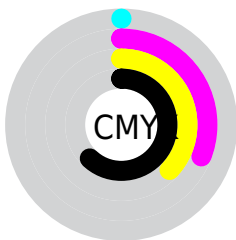
Distribution







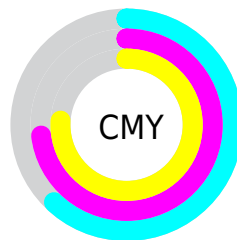
-  Red (38%)
-  Green (27%)
-  Blue (24%)






-  Red (38%)
-  Yellow (27%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (37%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (73%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.2860, 19.8060, 4.4940 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 76.2860, 19.8060, 4.4940 by changing the saturation by 10% instead.

■ 76.2860, 19.8060,
4.4940

■ 76.2860, 19.8060,
4.4940

■ 255.0000, -0.0000,
-0.0000

■ 53.3890, 18.0180,
3.8580

■ 125.4820, 22.1900,
5.3420

■ 31.9050, 16.5050,
3.7450

■ 151.6670, 23.1070,
5.2430

■ 8.9700, 17.8800,
6.3600

■ 178.2650, 24.2990,
5.6670

■ 0.0000, 0.0000,
0.0000

■ 206.1510, 24.6200,
5.3560

■ 232.3570, 21.0440,
4.0840

■ 251.9850, 4.3560,

-1.8520

■ 76.2860, 19.8060,
4.4940

■ 76.2860, 19.8060,
4.4940

■ 70.4500, 25.2160,
5.5680

■ 82.1220, 14.3960,
3.4200

■ 64.6140, 30.6260,
6.6420

■ 87.9580, 8.9860,
2.3460

■ 58.3050, 35.9900,
8.5500

■ 94.2670, 3.6220,
0.4380

■ 52.4690, 41.4000,
9.6240

■ 100.1030, -1.7880,
-0.6360

■ 46.6330, 46.8100,
10.6980

■ 105.9390, -7.1980,
-1.7100

■ 40.7970, 52.2200,
11.7720

■ 111.7750,
-12.6080, -2.7840

■ 38.6940, 54.0080,
12.4080

■ 117.6110,
-18.0180, -3.8580

■ 123.3330,
-23.1070, -5.2430

■ 129.7560,
-28.7920, -6.8400

Harmonies

Analogous

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



76.9530, 16.5500, 8.4380



76.2860, 19.8060, 4.4940



75.3410, 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.



76.2860, 19.8060, 4.4940



71.4020, -10.3600, -10.4880



74.9200, -14.2140, 4.2980

Complementary

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



76.2860, 19.8060, 4.4940



83.7140, -19.8060, -4.4940

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.



71.6690, -23.9330, -1.2850



76.2860, 19.8060, 4.4940



70.0680, -21.0430, -9.6110

Square

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



76.2860, 19.8060, 4.4940



73.3880, 1.4230, -9.2730



69.6530, -27.0040, -6.2040



76.3130, -2.0190, 9.0610

Rectangle

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



76.2860, 19.8060, 4.4940



74.7810, 13.6180, -4.5100



69.6530, -27.0040, -6.2040



73.7130, -18.0650, 2.5030

Sweetspot

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



76.2860, 19.8060, 4.4940



119.2460, 8.1150, 1.6110



76.2980, 11.5050, 17.2730



58.8650, 4.8140, 0.8620



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



76.2860, 19.8060, 4.4940



93.9130, 31.2220, 6.8540



86.2650, 15.1310, -4.3970



45.1960, 2.3840, 0.8480



44.6410, 61.5270, 13.8070



95.2400, 132.0400, 29.9600

Inverse Universe

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



83.7140, -19.8060, -4.4940



105.0870, -31.2220, -6.8540



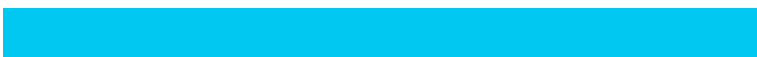
73.7350, -15.1310, 4.3970



46.8040, -2.3840, -0.8480



67.9460, -61.8020, -14.3300



144.7600, -132.0400, -29.9600

Previews

White Background



This preview shows how the YIQ color 76.2860, 19.8060, 4.4940 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



This preview shows how the YIQ color 76.2860, 19.8060, 4.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

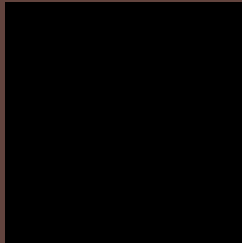
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.2860, 19.8060, 4.4940

Background



This preview shows how black text looks on a background with the YIQ color 76.2860, 19.8060, 4.4940.



This preview shows how white text looks on a background with the YIQ color 76.2860, 19.8060,

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

76.2860, 19.8060, 4.4940

Protanopia

75.1700, 5.2730, -1.9510

Deuteranopia

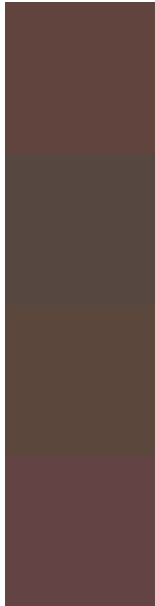
76.1170, 12.7920, -0.5520



Tritanopia

77.1380, 17.4670, 8.3390

Trichromacy



Original Color

76.2860, 19.8060, 4.4940

Protanomaly

75.3880, 10.5910, 0.7910

Deuteranomaly

76.1390, 15.7260, 1.3420

Tritanomaly

76.6820, 18.7510, 7.0950

Monochromacy



Original Color

76.2860, 19.8060, 4.4940

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0610, 7.1980, 1.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.2860, 19.8060, 4.4940 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(98, 68, 62)` looks like.

```
.text, #text, p{  
    color:rgb(98, 68, 62)  
}
```

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(98, 68, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 68, 62) }
```

Border

The CSS property to change the border of an element to YIQ 76.2860, 19.8060, 4.4940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

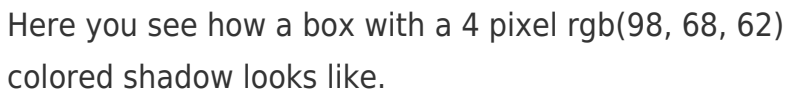
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 68, 62) }
```


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

```
.border{ border-color:rgb(98, 68, 62) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 68, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 68, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 68, 62);  
box-shadow:4px 4px 4px 4px rgb(98, 68, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.2860, 19.8060, 4.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 68, 62) }
```

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

```
.background{ background-color: rgb(98, 68,  
62) }
```

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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