

Converting Colors

YIQ(82.9150, 19.7130, 11.6890)

Have a look what the booklet for
YIQ(82.9150, 19.7130, 11.6890)
contains.

YIQ(82.9150, 19.7130, 11.6890)	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(82.9150, 19.7130,
11.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4651
RGB	109, 70, 81
RGB Percent	43%, 27%, 32%
CMY	0.5724, 0.7255, 0.6823
CMYK	0.00, 0.36, 0.26, 0.57
HSL	343°, 22%, 35%
HSV	343°, 36%, 43%
XYZ	9.9848, 8.2254, 8.8495
YIQ	82.9150, 19.7130, 11.6890

Conversions

Conversions Part 2

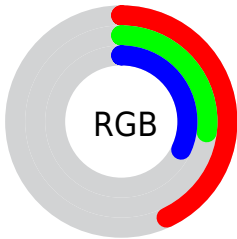
Format	Color
RYB	109, 70, 81
Decimal	7161425
CIELab	34.45, 18.47, 0.35
CIElCh	34, 18.478, 1.075
Yxy	8.2254, 0.3690, 0.3040
Android (android.graphics.Color)	4285351505 (0xFF6D4651)
YUV	82.9150, -0.9441, 22.8765
Hunter-Lab	28.6800, 11.9538, 1.7815

Details

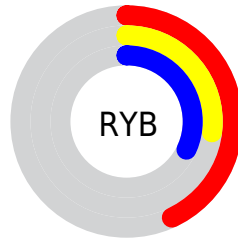
The YIQ color **82.9150, 19.7130, 11.6890** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.0850, -19.7130, -11.6890**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8120, 21.5010, 12.3250**, and **36.8330, 17.0080, 11.1520** is the 20% darker color. If you saturate the color by 10%, you get **75.5460, 25.3060, 14.9540**, and if you desaturate by 10%, it is **90.2840, 14.1200, 8.4240**.

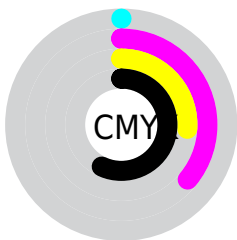
Distribution



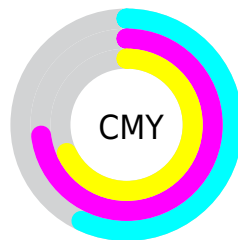
- Red (43%)
- Green (27%)
- Blue (32%)



- Red (43%)
- Yellow (27%)
- Blue (32%)



- Cyan (0%)
- Magenta (36%)
- Yellow (26%)
- Black (57%)



- Cyan (57%)
- Magenta (73%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.9150, 19.7130, 11.6890 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 82.9150, 19.7130, 11.6890 by changing the saturation by 10% instead.

■ 82.9150, 19.7130,
11.6890

■ 82.9150, 19.7130,
11.6890

■ 255.0000, -0.0000,
-0.0000

■ 59.3170, 18.5210,
11.2650

■ 132.8120, 21.5010,
12.3250

■ 36.8330, 17.0080,
11.1520

■ 159.4100, 22.6930,
12.7490

■ 14.2460, 17.2830,
11.6750

■ 186.1220, 23.5640,
13.4840

■ 0.0000, 0.0000,
0.0000

■ 214.4210, 24.1600,
13.6960

■ 236.7400, 12.8360,
9.6680

■ 82.9150, 19.7130,
11.6890

■ 82.9150, 19.7130,
11.6890

■ 75.5460, 25.3060,
14.9540

■ 90.2840, 14.1200,
8.4240

■ 68.1770, 30.8990,
18.2190

■ 97.6530, 8.5270,
5.1590

■ 60.9220, 36.1710,
21.7950

■ 104.9080, 3.2550,
1.5830

■ 53.5530, 41.7640,
25.0600

■ 112.2770, -2.3380,
-1.6820

■ 46.1840, 47.3570,
28.3250

■ 119.0590, -7.6560,
-4.4240

■ 39.4020, 52.6750,
31.0670

■ 126.4280,
-13.2490, -7.6890

■ 36.1250, 55.0130,
32.7490

■ 133.7970,
-18.8420, -10.9540

■ 141.1660,

-24.4350, -14.2190

■ 148.4210,
-29.7070, -17.7950

Harmonies

Analogous

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



82.9940, 9.3050, 13.0890



82.9150, 19.7130, 11.6890



82.2050, 24.5280, 7.0240

Triad

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



82.9150, 19.7130, 11.6890



78.5900, 3.6700, -11.4500



74.8250, -33.2400, -3.3200

Complementary

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



82.9150, 19.7130, 11.6890



96.0850, -19.7130, -11.6890

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.



72.7550, -36.2190, -9.9070



82.9150, 19.7130, 11.6890



76.5220, -10.8180, -13.2020

Square

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



82.9150, 19.7130, 11.6890



80.0970, 15.5440, -6.3760



73.7360, -26.0400, -12.6640



79.2120, -20.9080, 4.4680

Rectangle

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



82.9150, 19.7130, 11.6890



81.8580, 23.8870, 2.1190



73.7360, -26.0400, -12.6640



73.5750, -35.5320, -5.8360

Sweetspot

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



82.9150, 19.7130, 11.6890



132.3540, 7.9310, 4.9470



82.8180, 4.1690, 18.0650



65.0330, 4.4010, 2.8410



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



82.9150, 19.7130, 11.6890



101.5900, 31.1740, 18.7420



86.3570, 21.0440, 4.0840



50.0220, 2.9340, 1.8940



38.7450, 59.1390, 35.0670



81.1210, 123.8710, 73.3990

Inverse Universe

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



82.9150, 19.7130, 11.6890



101.5900, 31.1740, 18.7420



92.6430, -21.0440, -4.0840



50.0220, 2.9340, 1.8940



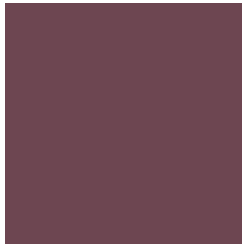
38.7450, 59.1390, 35.0670



81.1210, 123.8710, 73.3990

Previews

White Background



This preview shows how the YIQ color 82.9150, 19.7130, 11.6890 looks on a white background.

Color Contrast Check

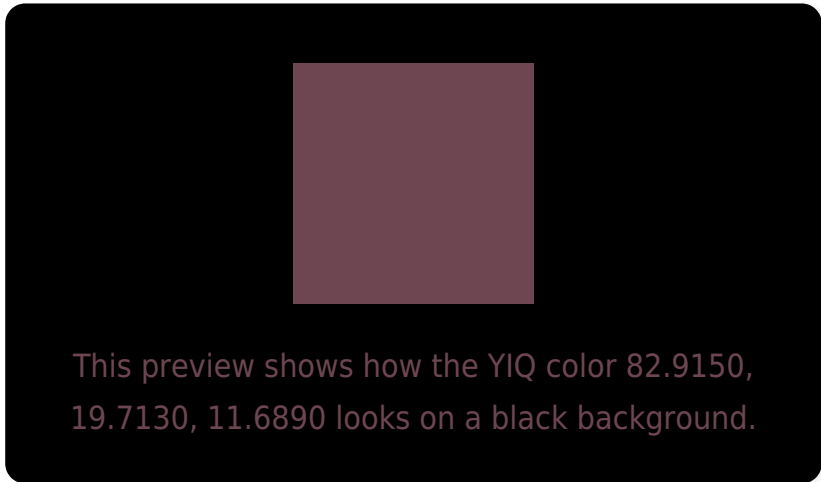
Large Text (above 18pt) WCAG AA ✓ Pass

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

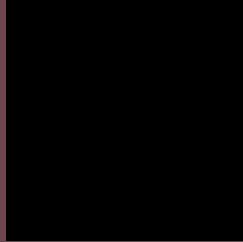
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.9150, 19.7130, 11.6890

Background



This preview shows how black text looks on a background with the YIQ color 82.9150, 19.7130, 11.6890.



This preview shows how white text looks on a background with the YIQ color 82.9150, 19.7130,

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

82.9150, 19.7130, 11.6890

Protanopia

81.6840, -1.9260, 1.8660

Deuteranopia

82.2890, 6.5560, 2.3320



Tritanopia

82.9320, 21.0430, 9.6110

Trichromacy



Original Color

82.9150, 19.7130, 11.6890

Protanomaly

82.0980, 5.7760, 5.4560

Deuteranomaly

82.7350, 11.2320, 5.6960

Tritanomaly

83.1600, 20.4010, 10.2330

Monochromacy



Original Color

82.9150, 19.7130, 11.6890

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.6420, 7.0600, 4.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.9150, 19.7130, 11.6890 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(109, 70, 81)` looks like.

```
.text, #text, p{  
    color:rgb(109, 70, 81)  
}
```

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(109, 70, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 70, 81) }
```

Border

The CSS property to change the border of an element to YIQ 82.9150, 19.7130, 11.6890 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(109, 70, 81) }
```


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

```
.border{ border-color:rgb(109, 70, 81) }
```

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

Here you see how a box with a 4 pixel rgb(109, 70, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 70, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 70, 81);  
box-shadow:4px 4px 4px 4px rgb(109, 70,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 82.9150, 19.7130, 11.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 70, 81) }
```

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

```
.background{ background-color: rgb(109, 70,  
81) }
```

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