

Converting Colors

YIQ(82.0710, 27.6010, 0.8890)

Have a look what the booklet for
YIQ(82.0710, 27.6010, 0.8890)
contains.

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Color

**YIQ(82.0710, 27.6010,
0.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4A35
RGB	109, 74, 53
RGB Percent	43%, 29%, 21%
CMY	0.5725, 0.7098, 0.7920
CMYK	0.00, 0.32, 0.51, 0.57
HSL	22°, 35%, 32%
HSV	22°, 51%, 43%
XYZ	9.4000, 8.4053, 4.4990
YIQ	82.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

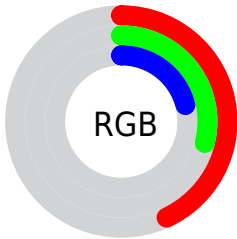
Format	Color
R _Y B	109, 87, 53
Decimal	7162421
CIE Lab	34.81, 12.20, 18.47
CIE LCh	35, 22.133, 56.543
Yxy	8.4053, 0.4214, 0.3768
Android (android.graphics.Color)	4285352501 (0xFF6D4A35)
YUV	82.0710, -14.3320, 23.6167
Hunter-Lab	28.9918, 7.1393, 11.0936

Details

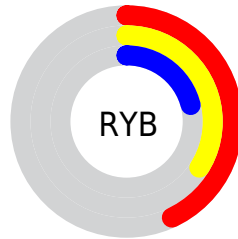
The YIQ color **82.0710, 27.6010, 0.8890** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.9290, -27.6010, -0.8890**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.0390, 30.6270, 1.1150**, and **36.2770, 24.0250, -0.3830** is the 20% darker color. If you saturate the color by 10%, you get **76.7080, 33.0570, 1.1290**, and if you desaturate by 10%, it is **87.4340, 22.1450, 0.6490**.

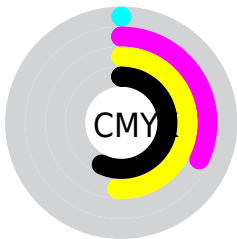
Distribution



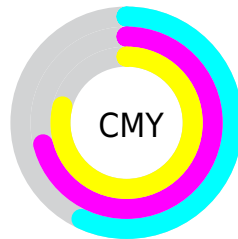
- Red (43%)
- Green (29%)
- Blue (21%)



- Red (43%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (32%)
- Yellow (51%)
- Black (57%)



- Cyan (57%)
- Magenta (71%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.0710, 27.6010, 0.8890 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 82.0710, 27.6010, 0.8890 by changing the saturation by 10% instead.

■ 82.0710, 27.6010,
0.8890

■ 82.0710, 27.6010,
0.8890

■ 255.0000, -0.0000,
-0.0000

■ 58.5870, 26.0880,
0.7760

■ 132.0390, 30.6270,
1.1150

■ 36.2770, 24.0250,
-0.3830

■ 158.5230, 32.1400,
1.2280

■ 14.8730, 19.5310,
3.9710

■ 185.1210, 33.3320,
1.6520

■ 0.0000, 0.0000,
0.0000

■ 213.3060, 34.2490,
1.5530

■ 235.2120, 22.6500,
-2.9980

■ 252.4920, 7.0620,

-6.8420

■ 82.0710, 27.6010,
0.8890

■ 82.0710, 27.6010,
0.8890

■ 76.7080, 33.0570,
1.1290

■ 87.4340, 22.1450,
0.6490

■ 71.3450, 38.5130,
1.3690

■ 92.7970, 16.6890,
0.4090

■ 66.5690, 43.6940,
1.0860

■ 97.5730, 11.5080,
0.6920

■ 61.2060, 49.1500,
1.3260

■ 102.9360, 6.0520,
0.4520

■ 56.6580, 53.6890,
1.6650

■ 108.2990, 0.5960,
0.2120

■ 113.5480, -4.5390,
-0.3390

■ 118.9110, -9.9950,
-0.5790

■ 124.2740,
-15.4510, -0.8190

■ 129.0500,
-20.6320, -0.5360

Harmonies

Analogous

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



82.8250, 28.6540, 9.3420



82.0710, 27.6010, 0.8890



80.6090, 19.8540, -7.3940

Triad

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



82.0710, 27.6010, 0.8890



72.2900, -30.7160, -16.0280



82.8870, -9.4470, 11.5210

Complementary

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



82.0710, 27.6010, 0.8890



79.9290, -27.6010, -0.8890

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.



78.4930, -29.0690, 3.6910



82.0710, 27.6010, 0.8890



67.1660, -50.7980, -15.5180

Square

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



82.0710, 27.6010, 0.8890



76.3540, -10.4050, -15.1810



71.4750, -46.9940, -7.3620



84.3900, 8.2500, 15.6900

Rectangle

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



82.0710, 27.6010, 0.8890



79.8960, 11.5560, -11.1960



71.4750, -46.9940, -7.3620



81.7120, -16.3240, 9.5000

Sweetspot

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



82.0710, 27.6010, 0.8890



132.2740, 10.9120, 0.4800



73.7340, 22.1410, 22.7570



64.9360, 6.0520, 0.4520



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.



82.0710, 27.6010, 0.8890



99.9820, 43.9690, 1.6090



98.5070, 19.9010, -13.7550



50.9680, 3.0260, 0.2260



60.8110, 57.6320, 1.7920



127.2590, 120.7200, 3.8240

Inverse Universe

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



79.9290, -27.6010, -0.8890



97.0180, -43.9690, -1.6090



63.4930, -19.9010, 13.7550



51.0320, -3.0260, -0.2260



56.1890, -57.6320, -1.7920



117.7410, -120.7200, -3.8240

Previews

White Background



This preview shows how the YIQ color 82.0710, 27.6010, 0.8890 looks on a white background.

Color Contrast Check

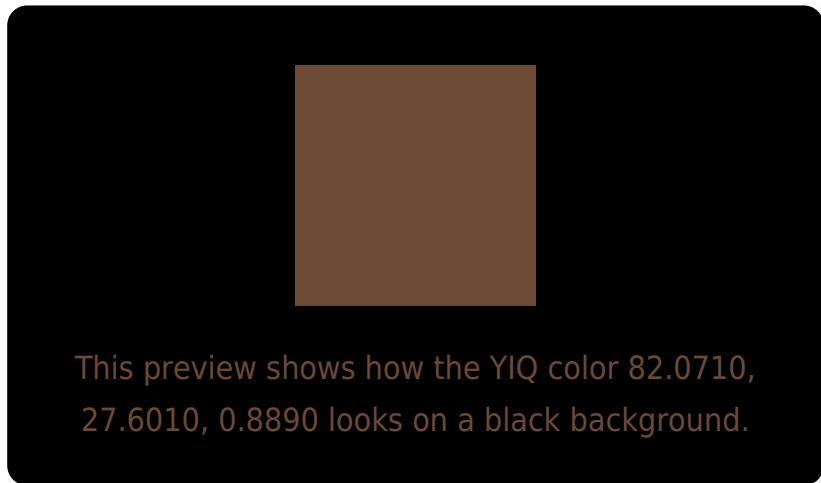
Large Text (above 18pt) WCAG AA ✓ Pass

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

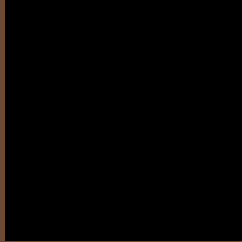
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.0710, 27.6010, 0.8890

Background



This preview shows how black text looks on a background with the YIQ color 82.0710, 27.6010, 0.8890.



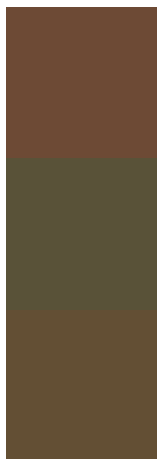
This preview shows how white text looks on a background with the YIQ color 82.0710, 27.6010,

0.8890.

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

82.0710, 27.6010, 0.8890

Protanopia

81.1290, 12.5180, -6.6020

Deuteranopia

81.9020, 20.5870, -4.1570



Tritanopia

83.5300, 22.2350, 10.0350

Trichromacy



Original Color

82.0710, 27.6010, 0.8890

Protanomaly

81.3470, 17.8360, -3.8600

Deuteranomaly

81.9240, 23.5210, -2.2630

Tritanomaly

82.9060, 23.9320, 6.8120

Monochromacy



Original Color

82.0710, 27.6010, 0.8890

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.9750, 10.3160, 0.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.0710, 27.6010, 0.8890 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, 74, 53)` looks like.

```
.text, #text, p{  
    color:rgb(109, 74, 53)  
}
```

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, 74, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 74, 53) }
```

Border

The CSS property to change the border of an element to YIQ 82.0710, 27.6010, 0.8890 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, 74, 53) }
```


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

```
.border{ border-color:rgb(109, 74, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 74, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 74, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 74, 53);  
box-shadow:4px 4px 4px 4px rgb(109, 74,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 82.0710, 27.6010, 0.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 74, 53) }
```

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

```
.background{ background-color: rgb(109, 74,  
53) }
```

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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