

Converting Colors

YIQ(71.0000, 44.6990, 21.4270)

Have a look what the booklet for
YIQ(71.0000, 44.6990, 21.4270)
contains.

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Color

**YIQ(71.0000, 44.6990,
21.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	7F2D3A
RGB	127, 45, 58
RGB Percent	50%, 18%, 23%
CMY	0.5018, 0.8236, 0.7724
CMYK	0.00, 0.65, 0.54, 0.50
HSL	350°, 48%, 34%
HSV	350°, 65%, 50%
XYZ	10.4620, 6.6961, 4.7497
YIQ	71.0000, 44.6990, 21.4270

Conversions

Conversions Part 2

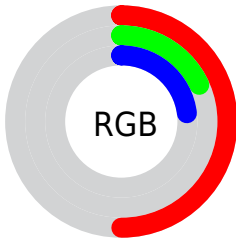
Format	Color
RYB	127, 45, 58
Decimal	8334650
CIELab	31.10, 36.59, 10.81
CIELCh	31, 38.149, 16.462
Yxy	6.6961, 0.4775, 0.3056
Android (android.graphics.Color)	4286524730 (0xFF7F2D3A)
YUV	71.0000, -6.4090, 49.1120
Hunter-Lab	25.8768, 26.8833, 7.2309

Details

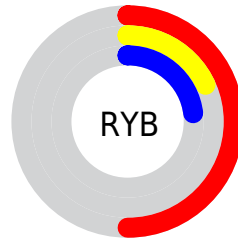
The YIQ color **71.0000, 44.6990, 21.4270** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **101.0000, -44.6990, -21.4270**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.4520, 49.2380, 21.7660**, and **23.6510, 38.3720, 20.4520** is the 20% darker color. If you saturate the color by 10%, you get **62.1150, 51.8050, 24.8050**, and if you desaturate by 10%, it is **79.8850, 37.5930, 18.0490**.

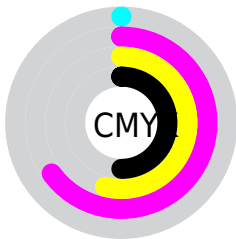
Distribution



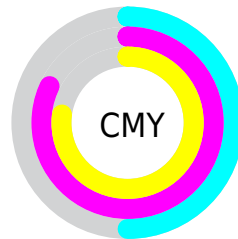
- Red (50%)
- Green (18%)
- Blue (23%)



- Red (50%)
- Yellow (18%)
- Blue (23%)



- Cyan (0%)
- Magenta (65%)
- Yellow (54%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.0000, 44.6990, 21.4270 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 71.0000, 44.6990, 21.4270 by changing the saturation by 10% instead.

■ 71.0000, 44.6990,
21.4270

■ 71.0000, 44.6990,
21.4270

■ 255.0000, -0.0000,
-0.0000

■ 45.2710, 42.4980,
22.7700

■ 122.7510, 49.8340,
21.9780

■ 23.6510, 38.3720,
20.4520

■ 149.5340, 51.9430,
22.3030

■ 14.7650, 28.8830,
10.6990

■ 177.0180, 53.4560,
22.4160

■ 0.0000, 0.0000,
0.0000

■ 199.8320, 45.1120,
19.4480

■ 219.3460, 28.7450,
13.2010

■ 239.0880, 11.7360,

7.5760

■ 71.0000, 44.6990,
21.4270

■ 71.0000, 44.6990,
21.4270

■ 62.1150, 51.8050,
24.8050

■ 79.8850, 37.5930,
18.0490

■ 53.9310, 58.3150,
27.9710

■ 88.0690, 31.0830,
14.8830

■ 45.0460, 65.4210,
31.3490

■ 96.9540, 23.9770,
11.5050

■ 40.2530, 69.2720,
33.1440

■ 105.8390, 16.8710,
8.1270

■ 114.0230, 10.3610,
4.9610

■ 122.9080, 3.2550,
1.5830

■ 131.7930, -3.8510,
-1.7950

■ 140.5640,
-10.6360, -5.4840

■ 148.8620,
-17.4670, -8.3390

Harmonies

Analogous

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



72.9140, 30.6220, 28.7500



71.0000, 44.6990, 21.4270



71.4000, 45.8480, 6.1040

Triad

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



71.0000, 44.6990, 21.4270



63.0900, -10.0820, -26.5460



61.8940, -64.0510, -1.0990

Complementary

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



71.0000, 44.6990, 21.4270



101.0000, -44.6990, -21.4270

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.



63.7060, -60.8860, -8.9020



71.0000, 44.6990, 21.4270



57.0940, -42.2680, -26.9400

Square

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



71.0000, 44.6990, 21.4270



67.8240, 20.0860, -22.6180



61.2150, -52.4940, -17.8220



70.3650, -34.1600, 13.3600

Rectangle

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



71.0000, 44.6990, 21.4270



70.6840, 41.6320, -5.6000



61.2150, -52.4940, -17.8220



63.3130, -63.9130, -3.6010

Sweetspot

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



71.0000, 44.6990, 21.4270



144.1380, 17.4670, 8.3390



74.6800, 14.2060, 39.9180



71.0230, 10.3610, 4.9610



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



71.0000, 44.6990, 21.4270



77.2640, 70.7390, 34.0910



85.3670, 41.4470, 3.2630



59.2070, 3.8510, 1.7950



40.5520, 69.8680, 33.3560



0.0000, 0.0000, 0.0000

Inverse Universe

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



71.0000, 44.6990, 21.4270



77.2640, 70.7390, 34.0910



86.6330, -41.4470, -3.2630



59.2070, 3.8510, 1.7950



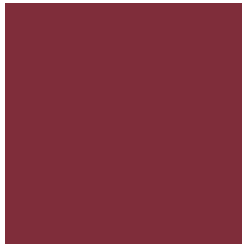
40.5520, 69.8680, 33.3560



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 71.0000, 44.6990, 21.4270 looks on a white background.

Color Contrast Check

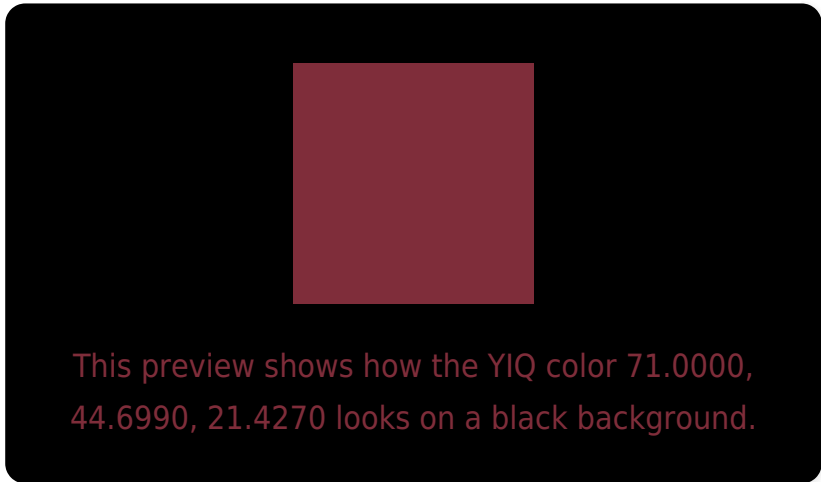
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.0000, 44.6990, 21.4270

Background



This preview shows how black text looks on a background with the YIQ color 71.0000, 44.6990, 21.4270.



This preview shows how white text looks on a background with the YIQ color 71.0000, 44.6990,

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

71.0000, 44.6990, 21.4270

Protanopia

74.3700, 1.8340, -0.1980

Deuteranopia

74.1450, 15.5890, -1.6830



Tritanopia

71.1480, 47.0380, 17.5820

Trichromacy



Original Color

71.0000, 44.6990, 21.4270

Protanomaly

73.0240, 17.7880, 8.0280

Deuteranomaly

73.1620, 26.0870, 6.3030

Tritanomaly

70.9030, 46.3500, 19.0380

Monochromacy



Original Color

71.0000, 44.6990, 21.4270

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.1270, 16.0000, 7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.0000, 44.6990, 21.4270 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(127, 45, 58)` looks like.

```
.text, #text, p{  
    color:rgb(127, 45, 58)  
}
```

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(127, 45, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 45, 58) }
```

Border

The CSS property to change the border of an element to YIQ 71.0000, 44.6990, 21.4270 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(127, 45, 58) }
```


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

```
.border{ border-color:rgb(127, 45, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 45, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 45, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 45, 58);  
box-shadow:4px 4px 4px 4px rgb(127, 45,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 71.0000, 44.6990, 21.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 45, 58) }
```

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

```
.background{ background-color: rgb(127, 45,  
58) }
```

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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