

Converting Colors

YIQ(70.7790, 52.6310, 20.8470)

Have a look what the booklet for
YIQ(70.7790, 52.6310, 20.8470)
contains.

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Color

**YIQ(70.7790, 52.6310,
20.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	862B30
RGB	134, 43, 48
RGB Percent	53%, 17%, 19%
CMY	0.4743, 0.8315, 0.8116
CMYK	0.00, 0.68, 0.64, 0.47
HSL	357°, 51%, 35%
HSV	357°, 68%, 53%
XYZ	11.2375, 7.0117, 3.5631
YIQ	70.7790, 52.6310, 20.8470

Conversions

Conversions Part 2

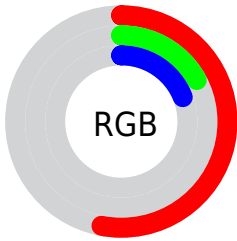
Format	Color
RYB	134, 43, 48
Decimal	8792880
CIELab	31.83, 39.22, 18.50
CIELCh	32, 43.368, 25.251
Yxy	7.0117, 0.5152, 0.3215
Android (android.graphics.Color)	4286982960 (0xFF862B30)
YUV	70.7790, -11.2300, 55.4448
Hunter-Lab	26.4797, 29.4128, 10.5578

Details

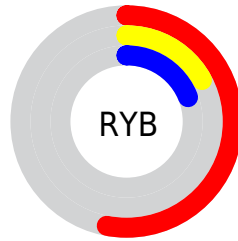
The YIQ color **70.7790, 52.6310, 20.8470** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **106.2210, -52.6310, -20.8470**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.3020, 58.4080, 20.7760**, and **23.7350, 46.7630, 17.0590** is the 20% darker color. If you saturate the color by 10%, you get **61.6660, 60.3790, 23.6030**, and if you desaturate by 10%, it is **79.8920, 44.8830, 18.0910**.

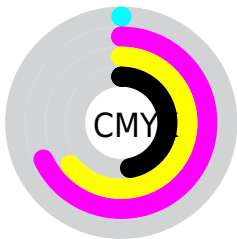
Distribution



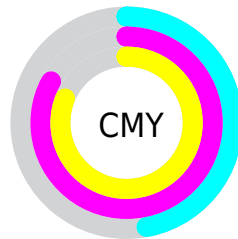
- Red (53%)
- Green (17%)
- Blue (19%)



- Red (53%)
- Yellow (17%)
- Blue (19%)



- Cyan (0%)
- Magenta (68%)
- Yellow (64%)
- Black (47%)



- Cyan (47%)
- Magenta (83%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.7790, 52.6310, 20.8470 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 70.7790, 52.6310, 20.8470 by changing the saturation by 10% instead.

70.7790, 52.6310,
20.8470

70.7790, 52.6310,
20.8470

255.0000, -0.0000,
-0.0000

43.5770, 50.3840,
23.0240

123.3020, 58.4080,
20.7760

23.7350, 46.7630,
17.0590

150.3840, 61.1130,
21.3130

15.9610, 31.2670,
11.5470

178.0530, 63.5430,
21.3270

2.9900, 5.9600,
2.1200

197.8770, 49.2390,
16.2390

0.0000, 0.0000,
0.0000

217.3910, 32.8720,
9.9920

237.0190, 16.1840,

4.0560

■ 70.7790, 52.6310,
20.8470

■ 70.7790, 52.6310,
20.8470

■ 61.6660, 60.3790,
23.6030

■ 79.8920, 44.8830,
18.0910

■ 52.0800, 68.0810,
27.1930

■ 89.4780, 37.1810,
14.5010

■ 42.9670, 75.8290,
29.9490

■ 98.5910, 29.4330,
11.7450

■ 40.8640, 77.6170,
30.5850

■ 108.2910, 21.4100,
8.4660

■ 117.2900, 13.9830,
5.3990

■ 126.4030, 6.2350,
2.6430

■ 136.1030, -1.7880,
-0.6360

■ 145.1020, -9.2150,
-3.7030

■ 154.8020,
-17.2380, -6.9820

Harmonies

Analogous

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



72.2960, 41.3500, 32.5660



70.7790, 52.6310, 20.8470



71.2770, 50.3880, 0.9160

Triad

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



70.7790, 52.6310, 20.8470



56.3260, -31.5380, -34.1780



63.8490, -68.1780, 2.1100

Complementary

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



70.7790, 52.6310, 20.8470



106.2210, -52.6310, -20.8470

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.



66.5900, -66.2510, -5.2830



70.7790, 52.6310, 20.8470



60.5820, -46.5780, -25.9220

Square

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



70.7790, 52.6310, 20.8470



66.3840, 15.2730, -29.0070



64.5720, -57.8130, -15.0370



74.3710, -25.1290, 20.3990

Rectangle

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



70.7790, 52.6310, 20.8470



70.7240, 44.1550, -12.7810



64.5720, -57.8130, -15.0370



65.3820, -68.3610, -0.0810

Sweetspot

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



70.7790, 52.6310, 20.8470



149.3940, 19.6220, 7.8300



78.7890, 21.4490, 46.3210



72.3930, 12.1950, 4.7630



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



70.7790, 52.6310, 20.8470



74.3700, 82.0640, 32.5920



93.1020, 43.5110, -1.1050



61.7940, 3.5760, 1.2720



39.6680, 75.2330, 29.7370



0.8970, 1.7880, 0.6360

Inverse Universe

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



70.7790, 52.6310, 20.8470



74.3700, 82.0640, 32.5920



83.8980, -43.5110, 1.1050



61.7940, 3.5760, 1.2720



39.6680, 75.2330, 29.7370



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 70.7790, 52.6310, 20.8470 looks on a white background.

Color Contrast Check

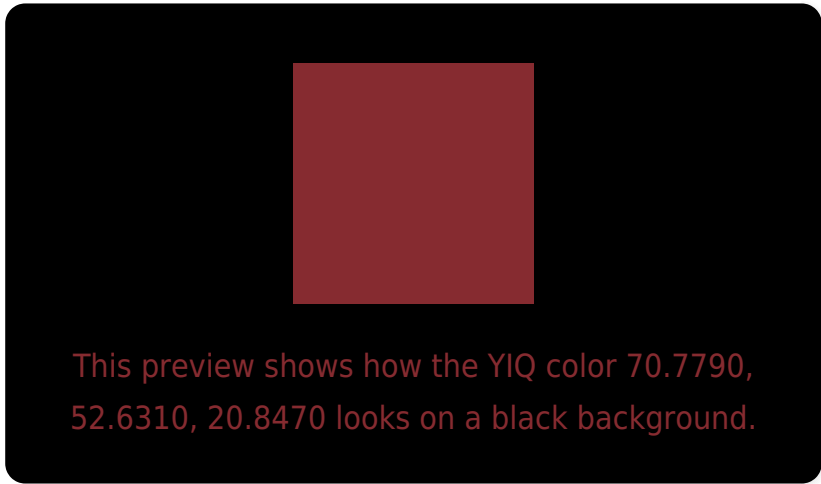
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.7790, 52.6310, 20.8470

Background



This preview shows how black text looks on a background with the YIQ color 70.7790, 52.6310, 20.8470.

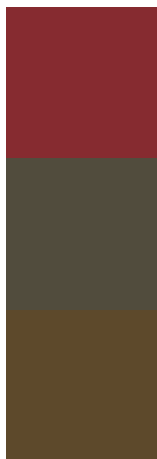


This preview shows how white text looks on a background with the YIQ color 70.7790, 52.6310,

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

70.7790, 52.6310, 20.8470

Protanopia

75.7850, 7.7950, -3.6050

Deuteranopia

75.5600, 21.5500, -5.0900



Tritanopia

70.5510, 53.2730, 20.2250

Trichromacy



Original Color

70.7790, 52.6310, 20.8470

Protanomaly

73.8520, 24.0240, 5.1440

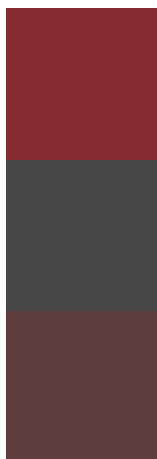
Deuteranomaly

73.8160, 32.8730, 4.4650

Tritanomaly

70.6650, 52.9520, 20.5360

Monochromacy



Original Color

70.7790, 52.6310, 20.8470

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.0950, 19.0260, 7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.7790, 52.6310, 20.8470 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(134, 43, 48)` looks like.

```
.text, #text, p{  
    color:rgb(134, 43, 48)  
}
```

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(134, 43, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 43, 48) }
```

Border

The CSS property to change the border of an element to YIQ 70.7790, 52.6310, 20.8470 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(134, 43, 48) }
```


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

```
.border{ border-color:rgb(134, 43, 48) }
```

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

Here you see how a box with a 4 pixel rgb(134, 43, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 43, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 43, 48);  
box-shadow:4px 4px 4px 4px rgb(134, 43,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 70.7790, 52.6310, 20.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 43, 48) }
```

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

```
.background{ background-color: rgb(134, 43,  
48) }
```

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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