

Converting Colors

YIQ(67.9710, 51.6700, 10.7260)

Have a look what the booklet for
YIQ(67.9710, 51.6700, 10.7260)
contains.

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Color

**YIQ(67.9710, 51.6700,
10.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	7C2F1D
RGB	124, 47, 29
RGB Percent	49%, 18%, 11%
CMY	0.5136, 0.8158, 0.8861
CMYK	0.00, 0.62, 0.77, 0.51
HSL	11°, 62%, 30%
HSV	11°, 77%, 49%
XYZ	9.5562, 6.4078, 1.8992
YIQ	67.9710, 51.6700, 10.7260

Conversions

Conversions Part 2

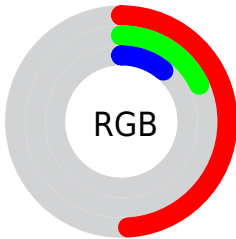
Format	Color
RYB	124, 51, 29
Decimal	8138525
CIELab	30.42, 32.42, 28.16
CIELCh	30, 42.943, 40.985
Yxy	6.4078, 0.5350, 0.3587
Android (android.graphics.Color)	4286328605 (0xFF7C2F1D)
YUV	67.9710, -19.2127, 49.1374
Hunter-Lab	25.3136, 23.0872, 13.2712

Details

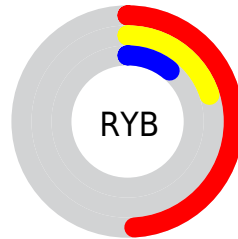
The YIQ color **67.9710, 51.6700, 10.7260** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **85.0290, -51.6700, -10.7260**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2060, 58.3180, 11.3900**, and **20.6310, 41.1240, 14.6280** is the 20% darker color. If you saturate the color by 10%, you get **60.7330, 58.2720, 12.2240**, and if you desaturate by 10%, it is **75.2090, 45.0680, 9.2280**.

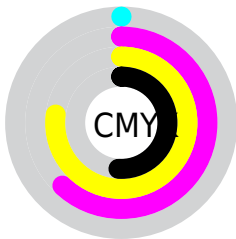
Distribution



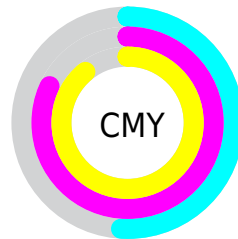
- Red (49%)
- Green (18%)
- Blue (11%)



- Red (49%)
- Yellow (20%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.9710, 51.6700, 10.7260 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 67.9710, 51.6700, 10.7260 by changing the saturation by 10% instead.

■ 67.9710, 51.6700,
10.7260

■ 67.9710, 51.6700,
10.7260

255.0000, -0.0000,
-0.0000

■ 42.3020, 49.2400,
10.7120

■ 119.2060, 58.3180,
11.3900

■ 20.6310, 41.1240,
14.6280

■ 145.8750, 60.7480,
11.4040

■ 13.5690, 26.4990,
9.8510

■ 172.9570, 63.4530,
11.9410

■ 0.0000, 0.0000,
0.0000

■ 195.9560, 56.0260,
8.8740

■ 215.4700, 39.6590,
2.6270

■ 234.9840, 23.2920,

-3.6200

252.2640, 7.7040,
-7.4640

67.9710, 51.6700,
10.7260

67.9710, 51.6700,
10.7260

60.7330, 58.2720,
12.2240

75.2090, 45.0680,
9.2280

53.3810, 65.1950,
13.4110

82.5610, 38.1450,
8.0410

50.5770, 67.5790,
14.2590

89.7990, 31.5430,
6.5430

97.1510, 24.6200,
5.3560

104.3890, 18.0180,
3.8580

■ 111.6270, 11.4160,
2.3600

■ 118.9790, 4.4930,
1.1730

■ 126.2170, -2.1090,
-0.3250

■ 134.1560, -9.3070,
-2.0350

Harmonies

Analogous

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



67.2550, 48.5950, 27.9150



67.9710, 51.6700, 10.7260



67.4900, 44.9340, -10.3780

Triad

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



67.9710, 51.6700, 10.7260



55.3670, -38.7830, -29.5270



58.2950, -63.5020, 5.4740

Complementary

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



67.9710, 51.6700, 10.7260



85.0290, -51.6700, -10.7260

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.



62.9370, -65.6100, -0.3780



67.9710, 51.6700, 10.7260



60.5310, -50.5680, -19.6880

Square

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



67.9710, 51.6700, 10.7260



61.2060, -4.7170, -30.1650



63.5920, -60.5650, -9.2130



73.7930, -2.7100, 27.0980

Rectangle

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



67.9710, 51.6700, 10.7260



66.8040, 32.0060, -18.3780



63.5920, -60.5650, -9.2130



59.8710, -65.2440, 4.0040

Sweetspot

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



67.9710, 51.6700, 10.7260



139.1720, 20.1270, 4.1830



66.2970, 31.5820, 44.3980



68.2250, 12.6080, 2.7840



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



67.9710, 51.6700, 10.7260



73.6880, 80.5080, 16.7320



95.5600, 38.7450, -13.8550



57.3810, 3.3010, 0.7490



51.4630, 67.9000, 13.9480



103.5240, 136.9920, 28.3200

Inverse Universe

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



85.0290, -51.6700, -10.7260



100.3120, -80.5080, -16.7320



57.4400, -38.7450, 13.8550



58.6190, -3.3010, -0.7490



73.5370, -67.9000, -13.9480



149.0630, -137.2670, -28.8430

Previews

White Background



This preview shows how the YIQ color 67.9710, 51.6700, 10.7260 looks on a white background.

Color Contrast Check

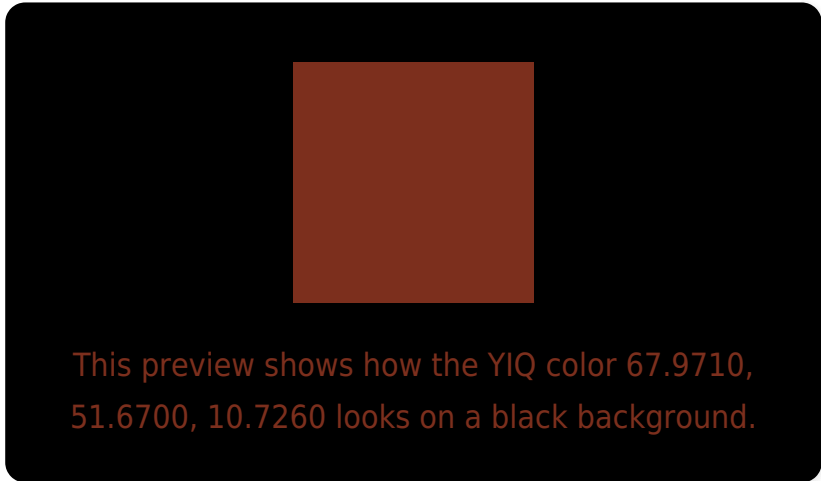
Large Text (above 18pt) WCAG AA ✓ Pass

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

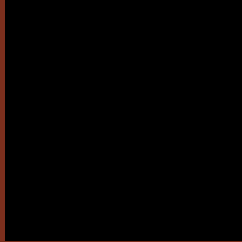
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.9710, 51.6700, 10.7260

Background



This preview shows how black text looks on a background with the YIQ color 67.9710, 51.6700, 10.7260.



This preview shows how white text looks on a background with the YIQ color 67.9710, 51.6700,

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

67.9710, 51.6700, 10.7260

Protanopia

70.9890, 15.7280, -9.7120

Deuteranopia

70.4480, 27.5570, -9.3310



Tritanopia

69.1480, 47.0380, 17.5820

Trichromacy



Original Color

67.9710, 51.6700, 10.7260

Protanomaly

70.1480, 28.7020, -2.5460

Deuteranomaly

69.5680, 36.2670, -1.9810

Tritanomaly

68.9370, 49.0100, 14.8820

Monochromacy



Original Color

67.9710, 51.6700, 10.7260

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.6880, 18.6140, 4.0700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.9710, 51.6700, 10.7260 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(124, 47, 29)` looks like.

```
.text, #text, p{  
    color:rgb(124, 47, 29)  
}
```

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(124, 47, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 47, 29) }
```

Border

The CSS property to change the border of an element to YIQ 67.9710, 51.6700, 10.7260 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(124, 47, 29) }
```


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

```
.border{ border-color:rgb(124, 47, 29) }
```

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

Here you see how a box with a 4 pixel rgb(124, 47, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 47, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 47, 29);  
box-shadow:4px 4px 4px 4px rgb(124, 47,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 67.9710, 51.6700, 10.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 47, 29) }
```

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

```
.background{ background-color: rgb(124, 47,  
29) }
```

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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