

Converting Colors

YIQ(51.2910, 13.3830, 27.2950)

Have a look what the booklet for
YIQ(51.2910, 13.3830, 27.2950)
contains.

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Color

**YIQ(51.2910, 13.3830,
27.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	511E53
RGB	81, 30, 83
RGB Percent	32%, 12%, 33%
CMY	0.6822, 0.8824, 0.6745
CMYK	0.02, 0.64, 0.00, 0.67
HSL	298°, 47%, 22%
HSV	298°, 64%, 33%
XYZ	5.4219, 3.3031, 8.5360
YIQ	51.2910, 13.3830, 27.2950

Conversions

Conversions Part 2

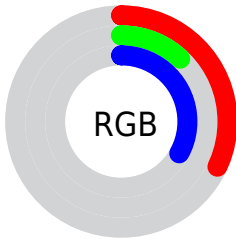
Format	Color
RYB	81, 30, 83
Decimal	5316179
CIELab	21.22, 32.05, -21.43
CIElCh	21, 38.551, 326.234
Yxy	3.3031, 0.3141, 0.1914
Android (android.graphics.Color)	4283506259 (0xFF511E53)
YUV	51.2910, 15.6325, 26.0548
Hunter-Lab	18.1745, 21.4456, -15.1247

Details

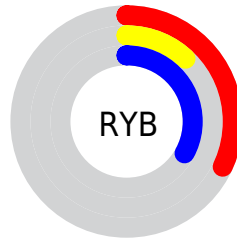
The YIQ color **51.2910, 13.3830, 27.2950** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **61.7090, -13.3830, -27.2950**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.4160, 14.5290, 28.5530**, and **15.3950, 9.8540, 19.6620** is the 20% darker color. If you saturate the color by 10%, you get **46.5950, 15.5830, 31.4790**, and if you desaturate by 10%, it is **55.9870, 11.1830, 23.1110**.

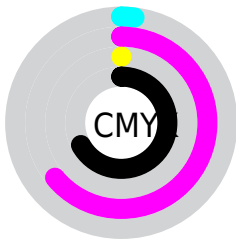
Distribution



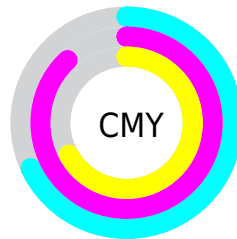
- Red (32%)
- Green (12%)
- Blue (33%)



- Red (32%)
- Yellow (12%)
- Blue (33%)



- Cyan (2%)
- Magenta (64%)
- Yellow (0%)
- Black (67%)



- Cyan (68%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.2910, 13.3830, 27.2950 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 51.2910, 13.3830, 27.2950 by changing the saturation by 10% instead.

■ 51.2910, 13.3830,
27.2950

■ 51.2910, 13.3830,
27.2950

■ 255.0000, -0.0000,
-0.0000

■ 26.8180, 13.3370,
28.1290

■ 100.4160, 14.5290,
28.5530

■ 15.3950, 9.8540,
19.6620

■ 125.5410, 15.6750,
29.8110

■ 2.2970, -5.0900,
4.1420

■ 151.9540, 15.9500,
30.3340


■ 0.0000, 0.0000,
0.0000


■ 179.3670, 16.2250,
30.8570


■ 207.0790, 17.0960,
31.5920


■ 228.5850, 12.3750,


23.5350


 245.0210, 4.6750,
8.8910

 51.2910, 13.3830,
27.2950


 51.2910, 13.3830,
27.2950

 46.5950, 15.5830,
31.4790


 55.9870, 11.1830,
23.1110


 41.0130, 17.4620,
35.9740

 61.5690, 9.3040,
18.6160

 36.3170, 19.6620,
40.1580

 66.2650, 7.1040,
14.4320

 33.3820, 21.0370,
42.7730

 70.9610, 4.9040,
10.2480

 75.9560, 3.3000,
6.2760

■ 81.2390, 0.8250,
1.5690

■ 85.9350, -1.3750,
-2.6150

■ 90.6310, -3.5750,
-6.7990

■ 96.2130, -5.4540,
-11.2940

Harmonies

Analogous

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



50.0030, -21.2770, 16.6670



51.2910, 13.3830, 27.2950



45.6650, 35.7570, 29.3010

Triad

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



51.2910, 13.3830, 27.2950



48.2090, 26.7320, -10.9000



45.5310, -41.4000, -9.6240

Complementary

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



51.2910, 13.3830, 27.2950



61.7090, -13.3830, -27.2950

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.



42.2250, -32.0910, -18.6430



51.2910, 13.3830, 27.2950



45.4190, 8.1650, -21.3310

Square

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



51.2910, 13.3830, 27.2950



47.1450, 41.9520, -0.3840



37.7450, -22.2320, -26.6160



46.9790, -48.2330, -1.4250

Rectangle

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



51.2910, 13.3830, 27.2950



44.6840, 42.7730, 23.2930



37.7450, -22.2320, -26.6160



45.0920, -38.7860, -12.9460

Sweetspot

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



51.2910, 13.3830, 27.2950



94.9610, 4.9040, 10.2480



37.8030, -17.8380, 14.9140



46.0700, 2.9790, 6.5870



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



51.2910, 13.3830, 27.2950



57.9690, 20.7620, 42.2500



49.1530, 22.2790, 20.2550



38.6520, 1.1000, 2.0920



42.1690, 26.4910, 54.0670



93.1250, 58.4360, 119.4280

Inverse Universe

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



46.0750, 30.9460, 11.8580



49.8600, 47.9090, 18.3170



63.8470, -22.2790, -20.2550



38.1960, 2.3840, 0.8480



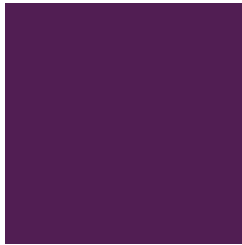
31.8510, 61.2960, 23.5040



70.3940, 135.3830, 51.9830

Previews

White Background



This preview shows how the YIQ color 51.2910, 13.3830, 27.2950 looks on a white background.

Color Contrast Check

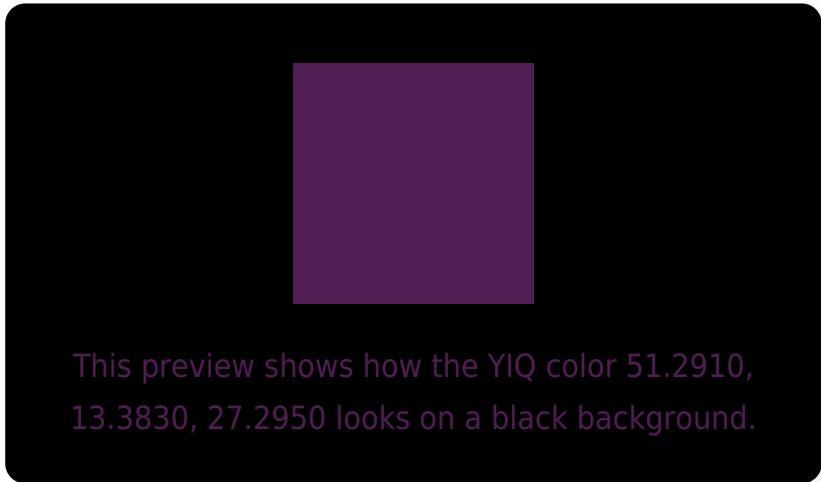
Large Text (above 18pt) WCAG AA ✓ Pass

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

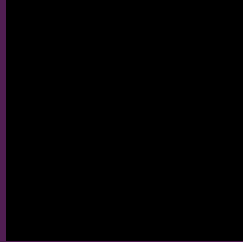
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.2910, 13.3830, 27.2950

Background



This preview shows how black text looks on a background with the YIQ color 51.2910, 13.3830, 27.2950.



This preview shows how white text looks on a background with the YIQ color 51.2910, 13.3830,

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

51.2910, 13.3830, 27.2950

Protanopia

46.9580, -34.5720, 9.8120

Deuteranopia

51.1910, -16.4150, 5.6410



Tritanopia

52.5080, 19.3010, 8.1410

Trichromacy



Original Color

51.2910, 13.3830, 27.2950

Protanomaly

48.6290, -17.2880, 15.9600

Deuteranomaly

51.0940, -5.5960, 13.3160

Tritanomaly

52.3540, 17.0990, 15.0110

Monochromacy



Original Color

51.2910, 13.3830, 27.2950

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.9610, 4.9040, 10.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.2910, 13.3830, 27.2950 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(81, 30, 83)` looks like.

```
.text, #text, p{  
    color:rgb(81, 30, 83)  
}
```

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(81, 30, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 30, 83) }
```

Border

The CSS property to change the border of an element to YIQ 51.2910, 13.3830, 27.2950 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(81, 30, 83) }
```


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

```
.border{ border-color:rgb(81, 30, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 30, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 30, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 30, 83);  
box-shadow:4px 4px 4px 4px rgb(81, 30, 83)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.2910, 13.3830, 27.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 30, 83) }
```

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

```
.background{ background-color: rgb(81, 30,  
83) }
```

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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