

Converting Colors

YIQ(42.9100, 27.2770, 17.7810)

Have a look what the booklet for
YIQ(42.9100, 27.2770, 17.7810)
contains.

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Color

**YIQ(42.9100, 27.2770,
17.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	50182B
RGB	80, 24, 43
RGB Percent	31%, 9%, 17%
CMY	0.6861, 0.9060, 0.8313
CMYK	0.00, 0.70, 0.46, 0.69
HSL	340°, 54%, 20%
HSV	340°, 70%, 31%
XYZ	4.0740, 2.5340, 2.5622
YIQ	42.9100, 27.2770, 17.7810

Conversions

Conversions Part 2

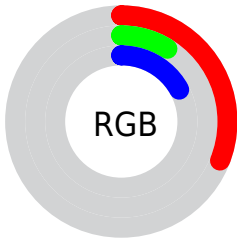
Format	Color
RYB	80, 24, 43
Decimal	5249067
CIELab	18.07, 28.12, 1.43
CIELCh	18, 28.160, 2.915
Yxy	2.5340, 0.4443, 0.2763
Android (android.graphics.Color)	4283439147 (0xFF50182B)
YUV	42.9100, 0.0444, 32.5279
Hunter-Lab	15.9185, 17.8263, 1.5998

Details

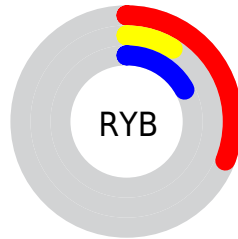
The YIQ color **42.9100, 27.2770, 17.7810** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.0900, -27.2770, -17.7810**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.1770, 30.8990, 18.2190**, and **10.2800, 19.9430, 7.5190** is the 20% darker color. If you saturate the color by 10%, you get **37.6440, 31.0820, 20.4100**, and if you desaturate by 10%, it is **48.1760, 23.4720, 15.1520**.

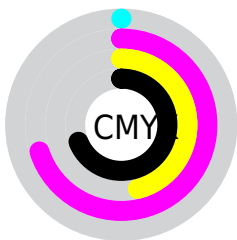
Distribution



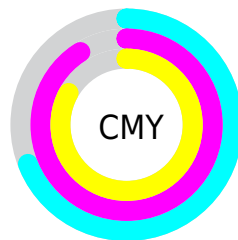
- Red (31%)
- Green (9%)
- Blue (17%)



- Red (31%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (70%)
- Yellow (46%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.9100, 27.2770, 17.7810 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 42.9100, 27.2770, 17.7810 by changing the saturation by 10% instead.

■ 42.9100, 27.2770,
17.7810

■ 42.9100, 27.2770,
17.7810

■ 255.0000, -0.0000,
-0.0000

■ 19.6540, 25.1220,
18.2900

■ 91.1770, 30.8990,
18.2190

■ 10.2800, 19.9430,
7.5190

■ 116.7750, 32.0910,
18.6430

■ 0.0000, 0.0000,
0.0000

■ 142.6720, 33.8790,
19.2790


■ 169.2700, 35.0710,
19.7030


■ 196.8680, 36.2630,
20.1270


■ 219.7850, 26.1310,


16.5230


 239.5270, 9.1220,
10.8980


 42.9100, 27.2770,
17.7810


 42.9100, 27.2770,
17.7810


 37.6440, 31.0820,
20.4100


 48.1760, 23.4720,
15.1520

 32.2640, 35.2080,
22.7280

 53.5560, 19.3460,
12.8340

 26.9980, 39.0130,
25.3570

 58.8220, 15.5410,
10.2050

 64.0880, 11.7360,
7.5760

 69.3540, 7.9310,
4.9470

■ 74.7340, 3.8050,
2.6290

■ 80.0000, 0.0000,
-0.0000

■ 85.2660, -3.8050,
-2.6290

■ 90.6460, -7.9310,
-4.9470

Harmonies

Analogous

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



45.1350, 13.5220, 19.2660



42.9100, 27.2770, 17.7810



42.6790, 32.0010, 9.2570

Triad

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



42.9100, 27.2770, 17.7810



38.7870, 4.3130, -17.5990



39.0570, -39.7050, -1.7930

Complementary

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



42.9100, 27.2770, 17.7810



61.0900, -27.2770, -17.7810

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.



38.6350, -35.7610, -7.1930



42.9100, 27.2770, 17.7810



33.3740, -22.3250, -19.4210

Square

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



42.9100, 27.2770, 17.7810



41.6750, 19.4880, -11.7760



36.9420, -29.6160, -13.9360



36.6920, -39.9350, 2.3770

Rectangle

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



42.9100, 27.2770, 17.7810



42.3380, 31.2230, 1.3270



36.9420, -29.6160, -13.9360



39.1880, -38.6960, -3.5600

Sweetspot

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



42.9100, 27.2770, 17.7810



90.3760, 10.8650, 6.8410



41.1480, 3.4800, 25.0480



44.7560, 6.7390, 4.5230



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.



42.9100, 27.2770, 17.7810



46.7320, 42.8180, 27.9860



45.4400, 31.1760, 7.6880



38.3100, 2.0630, 1.1590



35.4990, 51.0240, 33.4560



78.3740, 112.9130, 73.7530

Inverse Universe

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



42.9100, 27.2770, 17.7810



46.7320, 42.8180, 27.9860



58.5600, -31.1760, -7.6880



38.3100, 2.0630, 1.1590



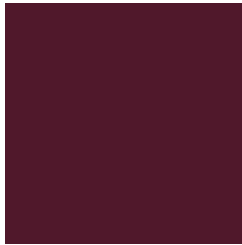
35.4990, 51.0240, 33.4560



78.3740, 112.9130, 73.7530

Previews

White Background



This preview shows how the YIQ color 42.9100, 27.2770, 17.7810 looks on a white background.

Color Contrast Check

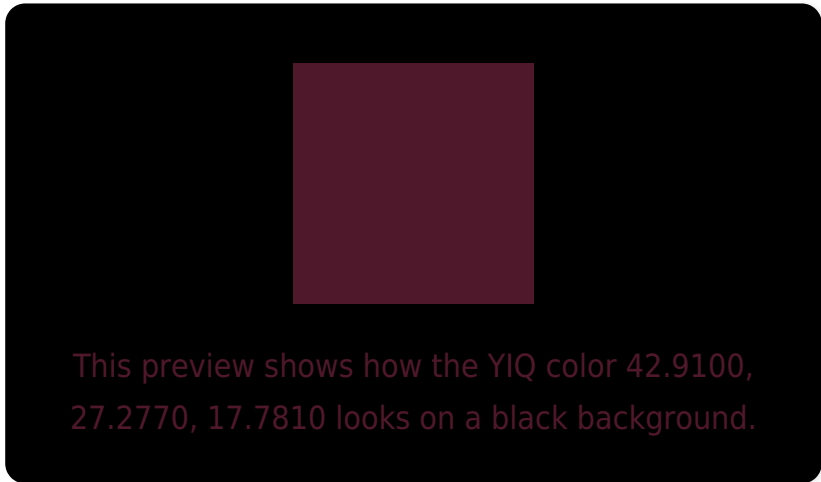
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9100, 27.2770, 17.7810

Background



This preview shows how black text looks on a background with the YIQ color 42.9100, 27.2770, 17.7810.



This preview shows how white text looks on a background with the YIQ color 42.9100, 27.2770,

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

42.9100, 27.2770, 17.7810

Protanopia

45.5420, -4.4020, 2.6860

Deuteranopia

45.9360, 6.0520, 0.4520



Tritanopia

42.7760, 30.3500, 11.6460

Trichromacy



Original Color

42.9100, 27.2770, 17.7810

Protanomaly

44.2770, 6.8300, 8.3820

Deuteranomaly

44.9310, 13.6160, 6.5440

Tritanomaly

42.7590, 29.0200, 13.7240

Monochromacy



Original Color

42.9100, 27.2770, 17.7810

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.7780, 9.6730, 6.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.9100, 27.2770, 17.7810 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(80, 24, 43)` looks like.

```
.text, #text, p{  
    color:rgb(80, 24, 43)  
}
```

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(80, 24, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 24, 43) }
```

Border

The CSS property to change the border of an element to YIQ 42.9100, 27.2770, 17.7810 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(80, 24, 43) }
```


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

```
.border{ border-color:rgb(80, 24, 43) }
```

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

Here you see how a box with a 4 pixel rgb(80, 24, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 24, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 24, 43);  
box-shadow:4px 4px 4px 4px rgb(80, 24, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.9100, 27.2770, 17.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 24, 43) }
```

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

```
.background{ background-color: rgb(80, 24,  
43) }
```

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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