

Converting Colors

YIQ(46.4430, 27.0940, 15.5900)

Have a look what the booklet for
YIQ(46.4430, 27.0940, 15.5900)
contains.

YIQ(46.4430, 27.0940, 15.5900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(46.4430, 27.0940,
15.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	521D2B
RGB	82, 29, 43
RGB Percent	32%, 11%, 17%
CMY	0.6783, 0.8863, 0.8313
CMYK	0.00, 0.65, 0.48, 0.68
HSL	344°, 48%, 22%
HSV	344°, 65%, 32%
XYZ	4.3580, 2.8476, 2.6078
YIQ	46.4430, 27.0940, 15.5900

Conversions

Conversions Part 2

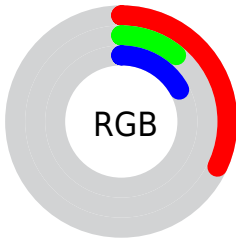
Format	Color
RYB	82, 29, 43
Decimal	5381419
CIELab	19.42, 26.27, 3.42
CIElCh	19, 26.495, 7.424
Yxy	2.8476, 0.4441, 0.2902
Android (android.graphics.Color)	4283571499 (0xFF521D2B)
YUV	46.4430, -1.6974, 31.1835
Hunter-Lab	16.8749, 16.5670, 2.6498

Details

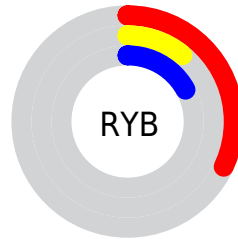
The YIQ color **46.4430, 27.0940, 15.5900** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **64.5570, -27.0940, -15.5900**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **94.7100, 30.7160, 16.0280**, and **11.1770, 21.7310, 8.1550** is the 20% darker color. If you saturate the color by 10%, you get **41.0630, 31.2200, 17.9080**, and if you desaturate by 10%, it is **51.8230, 22.9680, 13.2720**.

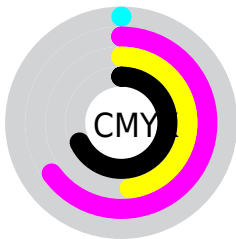
Distribution



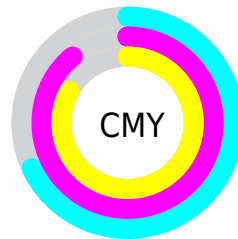
- Red (32%)
- Green (11%)
- Blue (17%)



- Red (32%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (65%)
- Yellow (48%)
- Black (68%)



- Cyan (68%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.4430, 27.0940, 15.5900 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 46.4430, 27.0940, 15.5900 by changing the saturation by 10% instead.

■ 46.4430, 27.0940,
15.5900

■ 46.4430, 27.0940,
15.5900

■ 255.0000, -0.0000,
-0.0000

■ 22.6000, 25.2140,
16.6220

■ 94.7100, 30.7160,
16.0280

■ 11.1770, 21.7310,
8.1550

■ 119.7210, 32.1830,
16.9750

■ 0.0000, 0.0000,
0.0000

■ 146.2050, 33.6960,
17.0880

■ 172.8030, 34.8880,
17.5120

■ 200.4010, 36.0800,
17.9360

■ 222.7200, 24.7560,

13.9080

242.4620, 7.7470,
8.2830

46.4430, 27.0940,
15.5900

46.4430, 27.0940,
15.5900

41.0630, 31.2200,
17.9080

51.8230, 22.9680,
13.2720

35.6830, 35.3460,
20.2260

57.2030, 18.8420,
10.9540

29.7160, 39.7470,
23.0670

63.1700, 14.4410,
8.1130

27.0260, 41.8100,
24.2260

68.5500, 10.3150,
5.7950

73.9300, 6.1890,
3.4770

■ 79.3100, 2.0630,
1.1590

■ 84.6900, -2.0630,
-1.1590

■ 90.6570, -6.4640,
-4.0000

■ 96.0370, -10.5900,
-6.3180

Harmonies

Analogous

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



47.9780, 15.4020, 18.2340



46.4430, 27.0940, 15.5900



46.1410, 30.5800, 7.4760

Triad

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



46.4430, 27.0940, 15.5900



42.2750, 0.0030, -16.5810



40.5730, -41.2180, -1.9060

Complementary

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



46.4430, 27.0940, 15.5900



64.5570, -27.0940, -15.5900

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.



40.8520, -37.8700, -7.5180



46.4430, 27.0940, 15.5900



35.8190, -25.0760, -19.1240

Square

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



46.4430, 27.0940, 15.5900



44.3650, 17.4250, -12.9350



38.6860, -31.7710, -13.4270



42.3510, -31.5450, 4.5110

Rectangle

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



46.4430, 27.0940, 15.5900



45.7290, 28.5640, -0.0440



38.6860, -31.7710, -13.4270



40.7040, -40.2090, -3.6730

Sweetspot

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



46.4430, 27.0940, 15.5900



93.5500, 10.3150, 5.7950



46.7030, 6.2310, 24.7510



45.2290, 6.7850, 3.6890



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.



46.4430, 27.0940, 15.5900



51.3250, 42.4060, 24.4380



51.8910, 28.2880, 4.9600



38.3100, 2.0630, 1.1590



34.5870, 53.5920, 30.9680



76.3220, 118.6910, 68.1550

Inverse Universe

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



46.4430, 27.0940, 15.5900



51.3250, 42.4060, 24.4380



59.1090, -28.2880, -4.9600



38.3100, 2.0630, 1.1590



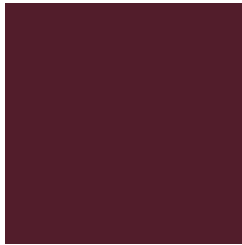
34.5870, 53.5920, 30.9680



76.3220, 118.6910, 68.1550

Previews

White Background



This preview shows how the YIQ color 46.4430, 27.0940, 15.5900 looks on a white background.

Color Contrast Check

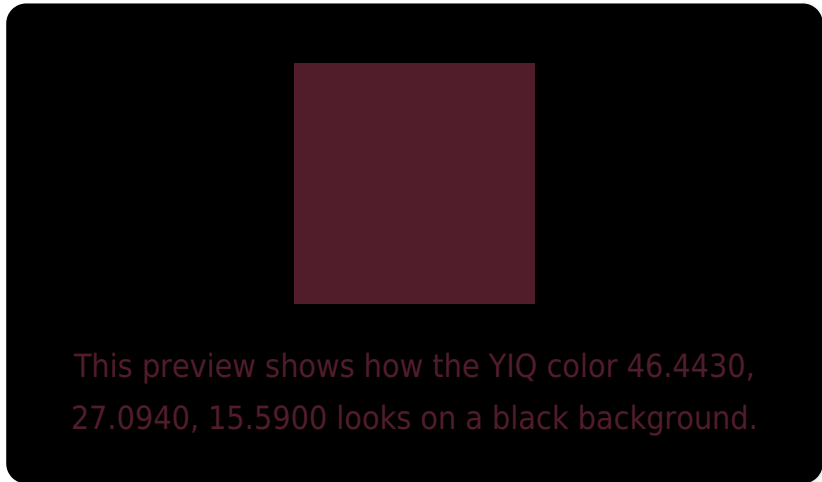
Large Text (above 18pt) WCAG AA ✓ Pass

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

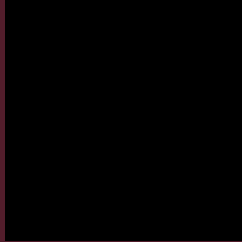
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.4430, 27.0940, 15.5900

Background



This preview shows how black text looks on a background with the YIQ color 46.4430, 27.0940, 15.5900.



This preview shows how white text looks on a background with the YIQ color 46.4430, 27.0940,

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

46.4430, 27.0940, 15.5900

Protanopia

48.5700, -1.6050, 1.5550

Deuteranopia

48.3060, 7.8860, 0.2540



Tritanopia

46.1780, 29.1580, 11.2220

Trichromacy



Original Color

46.4430, 27.0940, 15.5900

Protanomaly

47.5930, 8.7560, 6.5160

Deuteranomaly

47.5890, 14.5790, 5.6110

Tritanomaly

46.0470, 28.1490, 12.9890

Monochromacy



Original Color

46.4430, 27.0940, 15.5900

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

46.2510, 9.7190, 5.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.4430, 27.0940, 15.5900 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(82, 29, 43)` looks like.

```
.text, #text, p{  
    color:rgb(82, 29, 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(82, 29, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 29, 43) }
```

Border

The CSS property to change the border of an element to YIQ 46.4430, 27.0940, 15.5900 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(82, 29, 43) }
```


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

```
.border{ border-color:rgb(82, 29, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 29, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 29, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 29, 43);  
box-shadow:4px 4px 4px 4px rgb(82, 29, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.4430, 27.0940, 15.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 29, 43) }
```

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

```
.background{ background-color: rgb(82, 29,  
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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