

Converting Colors

YIQ(27.4430, 27.0940, 15.5900)

Have a look what the booklet for
YIQ(27.4430, 27.0940, 15.5900)
contains.

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Color

**YIQ(27.4430, 27.0940,
15.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0A18
RGB	63, 10, 24
RGB Percent	25%, 4%, 9%
CMY	0.7528, 0.9609, 0.9058
CMYK	0.00, 0.84, 0.62, 0.75
HSL	344°, 73%, 14%
HSV	344°, 84%, 25%
XYZ	2.3255, 1.3405, 1.0017
YIQ	27.4430, 27.0940, 15.5900

Conversions

Conversions Part 2

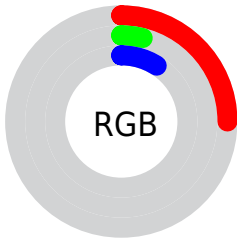
Format	Color
RYB	63, 10, 24
Decimal	4131352
CIELab	11.56, 26.38, 5.60
CIELCh	12, 26.967, 11.993
Yxy	1.3405, 0.4982, 0.2872
Android (android.graphics.Color)	4282321432 (0xFF3F0A18)
YUV	27.4430, -1.6974, 31.1835
Hunter-Lab	11.5782, 15.5906, 2.9753

Details

The YIQ color **27.4430, 27.0940, 15.5900** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **45.5570, -27.0940, -15.5900**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **75.0690, 31.0830, 14.8830**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.3510, 30.3490, 17.1730**, and if you desaturate by 10%, it is **31.5350, 23.8390, 14.0070**.

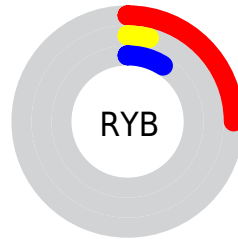
Distribution



Red (25%)

Green (4%)

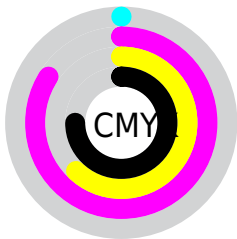
Blue (9%)



Red (25%)

Yellow (4%)

Blue (9%)

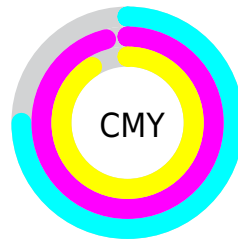


Cyan (0%)

Magenta (84%)

Yellow (62%)

Black (75%)



Cyan (75%)


Magenta (96%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 27.4430, 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 27.4430, 27.0940, 15.5900 by changing the saturation by 10% instead.


 27.4430, 27.0940,
15.5900


 27.4430, 27.0940,
15.5900


 246.2120, 5.4550,
5.7670


 12.5580, 25.0320,
8.9040


 75.1830, 30.7620,
15.1940

 0.0000, 0.0000,
0.0000

 99.9660, 32.8710,
15.5190


 124.8630, 34.6590,
16.1550


 151.4610, 35.8510,
16.5790


 178.3580, 37.6390,
17.2150


 206.5430, 38.5560,


17.1160

 225.8830, 22.7390,
11.9150


 27.4430, 27.0940,
15.5900


 27.4430, 27.0940,
15.5900


 23.3510, 30.3490,
17.1730


 31.5350, 23.8390,
14.0070

 20.7750, 32.0910,
18.6430

 36.1000, 20.6300,
11.5900

 40.1920, 17.3750,
10.0070

 44.2840, 14.1200,
8.4240

 48.2620, 11.1860,
6.5300

■ 52.9410, 7.6560,
4.4240

■ 56.9190, 4.7220,
2.5300

■ 61.0110, 1.4670,
0.9470

■ 65.6900, -2.0630,
-1.1590

Harmonies

Analogous

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



29.7610, 17.5110, 18.5590



27.4430, 27.0940, 15.5900



27.9190, 31.0850, 3.8290

Triad

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



27.4430, 27.0940, 15.5900



25.3180, -1.5560, -15.8600



28.6560, -31.0860, 1.6980

Complementary

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



27.4430, 27.0940, 15.5900



45.5570, -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.



28.5760, -28.1050, -2.7690



27.4430, 27.0940, 15.5900



24.3580, -16.2280, -14.2760

Square

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



27.4430, 27.0940, 15.5900



28.6510, 10.8680, -9.7400



27.2250, -22.9230, -8.5790



25.2480, -29.7570, 5.1470

Rectangle

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



27.4430, 27.0940, 15.5900



29.3480, 25.2630, -0.7930



27.2250, -22.9230, -8.5790



28.9010, -30.3980, 0.2420

Sweetspot

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



27.4430, 27.0940, 15.5900



67.9630, 10.5900, 6.3180



27.7030, 6.2310, 24.7510



32.9300, 6.1890, 3.4770



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



27.4430, 27.0940, 15.5900



27.0260, 41.8100, 24.2260



32.8910, 28.2880, 4.9600



28.8970, 1.7880, 0.6360



30.9560, 47.9990, 27.7030



73.1040, 113.3730, 65.4130

Inverse Universe

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



27.4430, 27.0940, 15.5900



27.0260, 41.8100, 24.2260



40.1090, -28.2880, -4.9600



28.8970, 1.7880, 0.6360



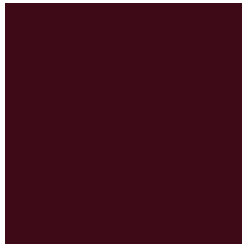
30.9560, 47.9990, 27.7030



73.1040, 113.3730, 65.4130

Previews

White Background



This preview shows how the YIQ color 27.4430, 27.0940, 15.5900 looks on a white background.

Color Contrast Check

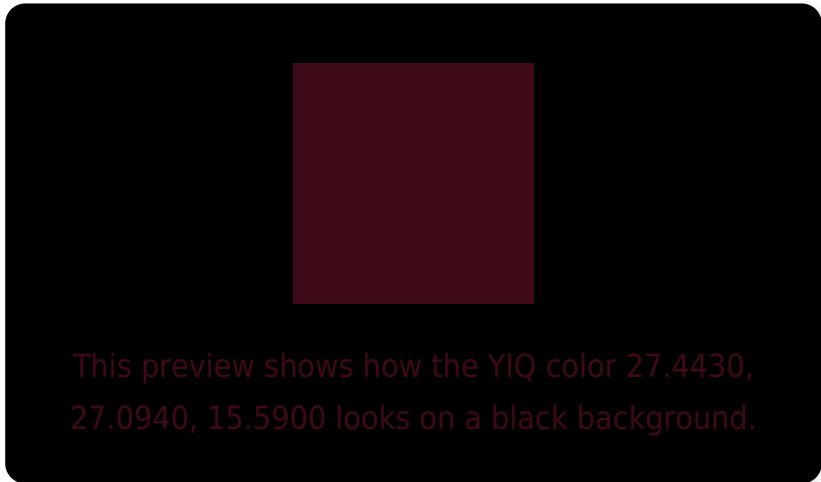
Large Text (above 18pt) WCAG AA ✓ Pass

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

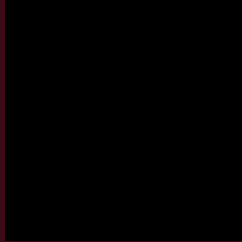
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.4430, 27.0940, 15.5900

Background



This preview shows how black text looks on a background with the YIQ color 27.4430, 27.0940, 15.5900.



This preview shows how white text looks on a background with the YIQ color 27.4430, 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

27.4430, 27.0940, 15.5900

Protanopia

33.1140, -0.3210, 0.3110

Deuteranopia

33.1380, 8.2990, -1.7250



Tritanopia

27.9500, 29.8000, 10.6000

Trichromacy



Original Color

27.4430, 27.0940, 15.5900

Protanomaly

31.2510, 9.7190, 5.5830

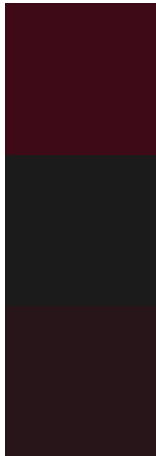
Deuteranomaly

30.9480, 14.9460, 4.4660

Tritanomaly

27.8190, 28.7910, 12.3670

Monochromacy



Original Color

27.4430, 27.0940, 15.5900

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.2510, 9.7190, 5.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.4430, 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(63, 10, 24)` looks like.

```
.text, #text, p{  
    color:rgb(63, 10, 24)  
}
```

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(63, 10, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 10, 24) }
```

Border

The CSS property to change the border of an element to YIQ 27.4430, 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(63, 10, 24) }
```


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

```
.border{ border-color:rgb(63, 10, 24) }
```

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

Here you see how a box with a 4 pixel rgb(63, 10, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 10, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 10, 24);  
box-shadow:4px 4px 4px 4px rgb(63, 10, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.4430, 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(63, 10, 24) }
```

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

```
.background{ background-color: rgb(63, 10,  
24) }
```

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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