

Converting Colors

YIQ(33.6750, 29.7970, 27.1810)

Have a look what the booklet for
YIQ(33.6750, 29.7970, 27.1810)
contains.

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Color

**YIQ(33.6750, 29.7970,
27.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	4F082F
RGB	79, 8, 47
RGB Percent	31%, 3%, 18%
CMY	0.6900, 0.9687, 0.8156
CMYK	0.00, 0.90, 0.41, 0.69
HSL	327°, 82%, 17%
HSV	327°, 90%, 31%
XYZ	3.8286, 2.0428, 2.8842
YIQ	33.6750, 29.7970, 27.1810

Conversions

Conversions Part 2

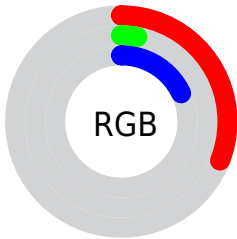
Format	Color
RYB	79, 8, 47
Decimal	5179439
CIELab	15.71, 34.71, -4.95
CIElCh	16, 35.065, 351.891
Yxy	2.0428, 0.4373, 0.2333
Android (android.graphics.Color)	4283369519 (0xFF4F082F)
YUV	33.6750, 6.5692, 39.7500
Hunter-Lab	14.2927, 22.8027, -1.9596




Details

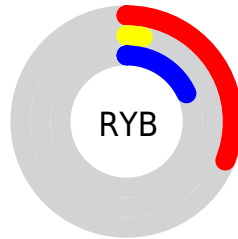
The YIQ color **33.6750, 29.7970, 27.1810** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **53.3250, -29.7970, -27.1810**, and the grayscale version is **34.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **84.9910, 31.7230, 25.3150**, and **9.0840, 17.5590, 6.6710** is the 20% darker color. If you saturate the color by 10%, you get **28.5230, 33.2810, 30.1210**, and if you desaturate by 10%, it is **38.8270, 26.3130, 24.2410**.

Distribution







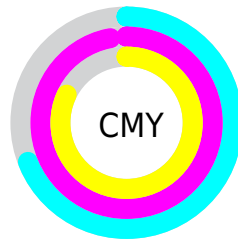
-  Red (31%)
-  Green (3%)
-  Blue (18%)






-  Red (31%)
-  Yellow (3%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (41%)
-  Black (69%)





-  Cyan (69%)
-  Magenta (97%)
-  Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 33.6750, 29.7970, 27.1810 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 33.6750, 29.7970, 27.1810 by changing the saturation by 10% instead.


 33.6750, 29.7970,
27.1810

 33.6750, 29.7970,
27.1810

 250.3040, 2.2000,
4.1840

 19.1100, 23.8380,
19.5340


 84.9910, 31.7230,
25.3150


 9.0840, 17.5590,
6.6710

 110.7740, 33.8320,
25.6400

 0.0000, 0.0000,
0.0000

 136.7850, 35.2990,
26.5870


 163.3830, 36.4910,
27.0110


 191.0950, 37.3620,
27.7460


 213.4250, 27.5050,


24.6650


 233.6400, 10.5420,
18.2060


 33.6750, 29.7970,
27.1810


 33.6750, 29.7970,
27.1810


 28.5230, 33.2810,
30.1210

 38.8270, 26.3130,
24.2410

 43.8650, 23.1500,
20.9900

 49.0170, 19.6660,
18.0500

 54.0550, 16.5030,
14.7990

 59.2070, 13.0190,
11.8590

■ 63.6580, 10.1310,
9.1310

■ 68.8100, 6.6470,
6.1910

■ 73.9620, 3.1630,
3.2510

■ 79.0000, -0.0000,
0.0000

Harmonies

Analogous

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



39.4320, 8.4320, 23.4080



33.6750, 29.7970, 27.1810



32.5970, 38.4640, 18.7840

Triad

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



33.6750, 29.7970, 27.1810



35.1080, 7.8430, -15.4930



37.6550, -38.5130, -1.3690

Complementary

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



33.6750, 29.7970, 27.1810



53.3250, -29.7970, -27.1810

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.



35.8480, -32.0470, -8.4230



33.6750, 29.7970, 27.1810



27.7030, -13.2460, -24.2700

Square

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



33.6750, 29.7970, 27.1810



37.5770, 22.8800, -7.1680



32.2970, -23.4260, -15.9860



35.9740, -40.6690, 4.6670

Rectangle

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



33.6750, 29.7970, 27.1810



34.2900, 40.3460, 6.6980



32.2970, -23.4260, -15.9860



36.9710, -36.5870, -3.2350

Sweetspot

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



33.6750, 29.7970, 27.1810



84.1960, 11.5520, 10.9120



25.6620, -3.7190, 28.8650



40.8100, 6.6470, 6.1910



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



33.6750, 29.7970, 27.1810



36.8820, 42.8160, 39.0400



29.6850, 41.0320, 16.2960



35.5380, 1.4210, 1.7810



83.1340, 96.6340, 87.9460

Inverse Universe

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



33.6750, 29.7970, 27.1810



36.8820, 42.8160, 39.0400



57.3150, -41.0320, -16.2960



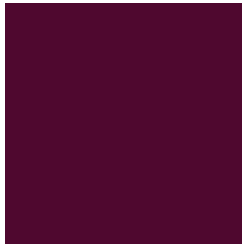
35.5380, 1.4210, 1.7810



83.1340, 96.6340, 87.9460

Previews

White Background



This preview shows how the YIQ color 33.6750, 29.7970, 27.1810 looks on a white background.

Color Contrast Check

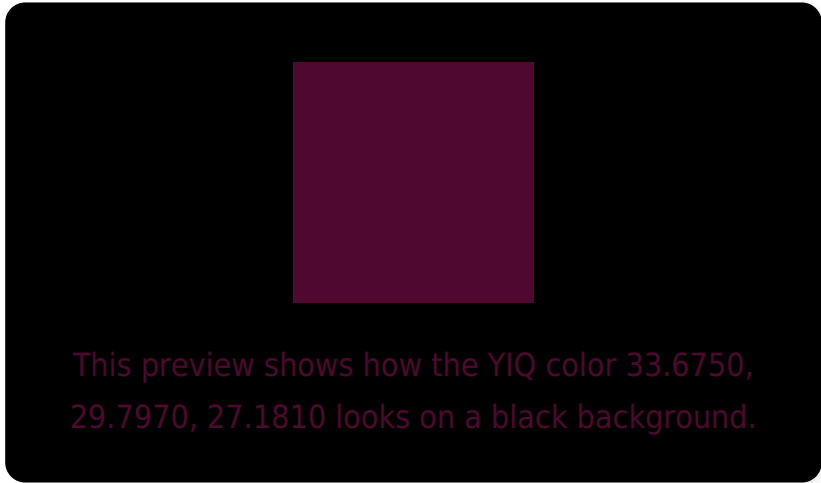
Large Text (above 18pt) WCAG AA ✓ Pass

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

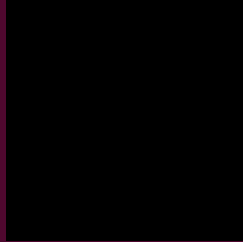
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.6750, 29.7970, 27.1810

Background



This preview shows how black text looks on a background with the YIQ color 33.6750, 29.7970, 27.1810.



This preview shows how white text looks on a background with the YIQ color 33.6750, 29.7970,

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

33.6750, 29.7970, 27.1810

Protanopia

41.5720, -13.1140, 6.3900

Deuteranopia

42.5380, 1.4210, 1.7810



Tritanopia

37.0430, 33.9720, 12.0840

Trichromacy



Original Color

33.6750, 29.7970, 27.1810

Protanomaly

38.8130, 2.5650, 14.0930

Deuteranomaly

39.1960, 11.5520, 10.9120

Tritanomaly

36.1340, 32.4580, 17.4980

Monochromacy



Original Color

33.6750, 29.7970, 27.1810

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.0710, 10.4060, 9.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.6750, 29.7970, 27.1810 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(79, 8, 47)` looks like.

```
.text, #text, p{  
    color:rgb(79, 8, 47)  
}
```

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(79, 8, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 8, 47) }
```

Border

The CSS property to change the border of an element to YIQ 33.6750, 29.7970, 27.1810 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(79, 8, 47) }
```

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

```
.border{ border-color:rgb(79, 8, 47) }
```

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

Here you see how a box with a 4 pixel rgb(79, 8, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 8, 47); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 8, 47); box-shadow:4px  
4px 4px 4px rgb(79, 8, 47) }
```

Background

The CSS property to change the background color of an element to YIQ 33.6750, 29.7970, 27.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 8, 47) }
```

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

```
.background{ background-color: rgb(79, 8,  
47) }
```

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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