

Converting Colors

YIQ(27.4130, 27.7790, 30.7150)

Have a look what the booklet for
YIQ(27.4130, 27.7790, 30.7150)
contains.

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Color

**YIQ(27.4130, 27.7790,
30.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	490031
RGB	73, 0, 49
RGB Percent	29%, 0%, 19%
CMY	0.7135, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.33, 0.71
HSL	320°, 100%, 14%
HSV	320°, 100%, 29%
XYZ	3.3064, 1.6404, 3.0501
YIQ	27.4130, 27.7790, 30.7150

Conversions

Conversions Part 2

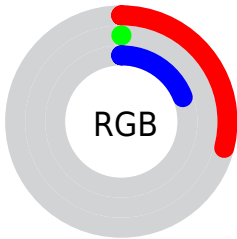
Format	Color
R_{YB}	73, 0, 49
Decimal	4784177
CIE _{Lab}	13.47, 36.18, -9.92
CIE _{LCh}	13, 37.513, 344.660
Yxy	1.6404, 0.4135, 0.2051
Android (android.graphics.Color)	4282974257 (0xFF490031)
YUV	27.4130, 10.6424, 39.9798
Hunter-Lab	12.8078, 23.6664, -5.1542

Details

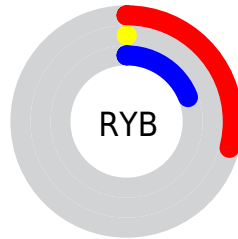
The YIQ color **27.4130, 27.7790, 30.7150** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **45.5870, -27.7790, -30.7150**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.3160, 29.4300, 28.3260**, and **5.6810, 11.3240, 4.0280** is the 20% darker color. If you saturate the color by 10%, you get **27.4130, 27.7790, 30.7150**, and if you desaturate by 10%, it is **31.7500, 25.2120, 27.6760**.

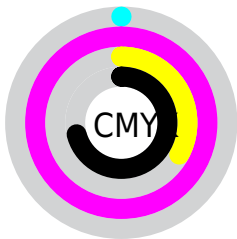
Distribution



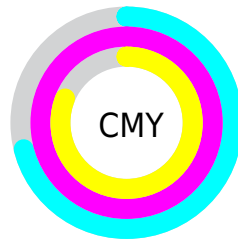
- Red (29%)
- Green (0%)
- Blue (19%)



- Red (29%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (71%)





- Cyan (71%)
- Magenta (100%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 27.4130, 27.7790, 30.7150 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 27.4130, 27.7790, 30.7150 by changing the saturation by 10% instead.


 27.4130, 27.7790,
30.7150


 27.4130, 27.7790,
30.7150

 246.1950, 4.1250,
7.8450


 17.8430, 20.2160,
19.0960


 79.3160, 29.4300,
28.3260

 5.6810, 11.3240,
4.0280

 104.9140, 30.6220,
28.7500

 0.0000, 0.0000,
0.0000

 130.6260, 31.4930,
29.4850

 157.5230, 33.2810,
30.1210

 185.2350, 34.1520,
30.8560

 209.6580, 28.4670,

29.2590

■ 229.7590, 11.8250,
22.4890

■ 27.4130, 27.7790,
30.7150

■ 31.7500, 25.2120,
27.6760

■ 36.7880, 22.0490,
24.4250

■ 41.1250, 19.4820,
21.3860

■ 45.5760, 16.5940,
18.6580

■ 50.5000, 13.7520,
15.0960

■ 54.8370, 11.1850,
12.0570

■ 59.2880, 8.2970,
9.3290

■ 63.6250, 5.7300,
6.2900

■ 68.6630, 2.5670,
3.0390

Harmonies

Analogous

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



34.8980, 1.1880, 22.5320



27.4130, 27.7790, 30.7150



26.2430, 39.7010, 23.9010

Triad

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



27.4130, 27.7790, 30.7150



31.2870, 8.8970, -12.5670



34.5090, -35.1660, -1.4540

Complementary

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



27.4130, 27.7790, 30.7150



45.5870, -27.7790, -30.7150

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.



32.3600, -27.7370, -9.4410



27.4130, 27.7790, 30.7150



24.6540, -11.5500, -21.9660

Square

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



27.4130, 27.7790, 30.7150



32.8810, 25.0800, -2.9840



28.6950, -18.7950, -17.3150



33.8710, -38.8810, 5.3030

Rectangle

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



27.4130, 27.7790, 30.7150



25.9470, 43.0500, 12.7620



28.6950, -18.7950, -17.3150



33.7110, -32.9190, -3.6310

Sweetspot

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



27.4130, 27.7790, 30.7150



76.5380, 10.5890, 11.8450



15.1990, -9.7250, 27.5790



37.4510, 6.2800, 7.3360



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



27.4130, 27.7790, 30.7150



35.2880, 35.8010, 39.5210



23.3090, 39.3350, 19.5190



33.5380, 1.4210, 1.7810



37.2390, 37.4970, 41.8250



85.2010, 86.5000, 95.3960

Inverse Universe

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



27.4130, 27.7790, 30.7150



35.2880, 35.8010, 39.5210



49.6910, -39.3350, -19.5190



33.5380, 1.4210, 1.7810



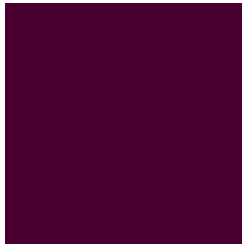
37.2390, 37.4970, 41.8250



85.2010, 86.5000, 95.3960

Previews

White Background



This preview shows how the YIQ color 27.4130, 27.7790, 30.7150 looks on a white background.

Color Contrast Check

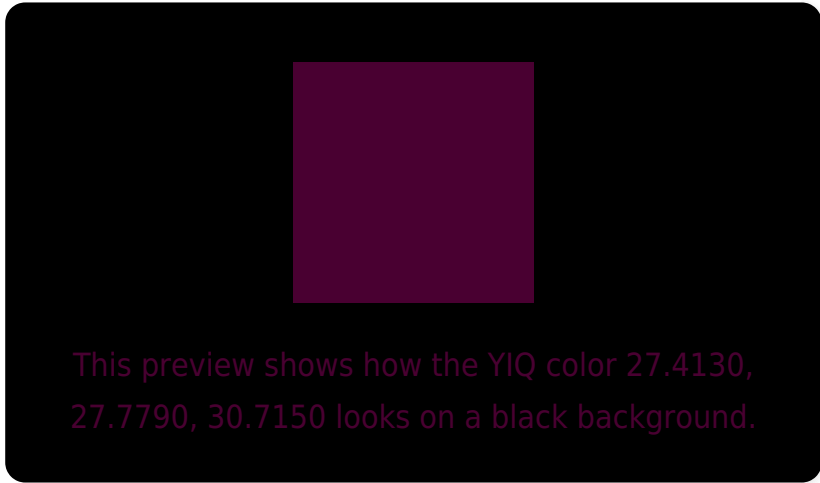
Large Text (above 18pt) WCAG AA ✓ Pass

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

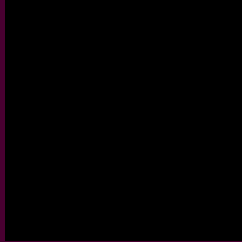
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.4130, 27.7790, 30.7150

Background



This preview shows how black text looks on a background with the YIQ color 27.4130, 27.7790, 30.7150.



This preview shows how white text looks on a background with the YIQ color 27.4130, 27.7790,

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

27.4130, 27.7790, 30.7150

Protanopia

37.4620, -18.6160, 6.9840

Deuteranopia

39.5100, -1.3760, 2.9120



Tritanopia

34.6620, 30.6710, 11.3350

Trichromacy



Original Color

27.4130, 27.7790, 30.7150

Protanomaly

33.7140, -1.4700, 15.6340

Deuteranomaly

34.9940, 9.3050, 13.0890

Tritanomaly

32.1060, 29.6610, 18.6290

Monochromacy



Original Color

27.4130, 27.7790, 30.7150

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.1250, 10.3140, 11.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.4130, 27.7790, 30.7150 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(73, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(73, 0, 49)  
}
```

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(73, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 0, 49) }
```

Border

The CSS property to change the border of an element to YIQ 27.4130, 27.7790, 30.7150 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(73, 0, 49) }
```


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

```
.border{ border-color:rgb(73, 0, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 0, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 0, 49); box-shadow:4px  
4px 4px 4px rgb(73, 0, 49) }
```

Background

The CSS property to change the background color of an element to YIQ 27.4130, 27.7790, 30.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 0, 49) }
```

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

```
.background{ background-color: rgb(73, 0,  
49) }
```

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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