

Converting Colors

YIQ(32.2480, 41.3050, 27.8730)

Have a look what the booklet for
YIQ(32.2480, 41.3050, 27.8730)
contains.

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Color

**YIQ(32.2480, 41.3050,
27.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	590322
RGB	89, 3, 34
RGB Percent	35%, 1%, 13%
CMY	0.6508, 0.9883, 0.8665
CMYK	0.00, 0.97, 0.62, 0.65
HSL	338°, 94%, 18%
HSV	338°, 97%, 35%
XYZ	4.4467, 2.3067, 1.7269
YIQ	32.2480, 41.3050, 27.8730

Conversions

Conversions Part 2

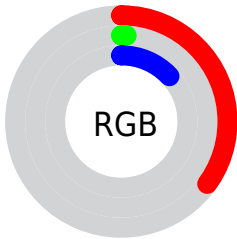
Format	Color
RYB	89, 3, 34
Decimal	5833506
CIELab	17.02, 37.83, 6.68
CIElCh	17, 38.419, 10.017
Yxy	2.3067, 0.5244, 0.2720
Android (android.graphics.Color)	4284023586 (0xFF590322)
YUV	32.2480, 0.8637, 49.7715
Hunter-Lab	15.1879, 25.6827, 3.8899

Details

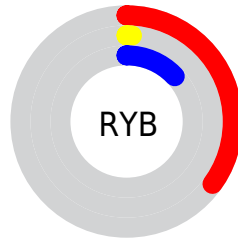
The YIQ color **32.2480, 41.3050, 27.8730** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **59.7520, -41.3050, -27.8730**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **86.5810, 44.5610, 23.9290**, and **11.4760, 22.3270, 8.3670** is the 20% darker color. If you saturate the color by 10%, you get **30.2590, 42.7720, 28.8200**, and if you desaturate by 10%, it is **38.2150, 36.9040, 25.0320**.

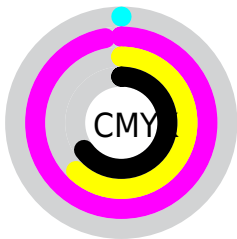
Distribution



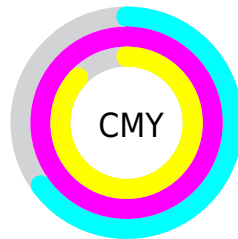
- Red (35%)
- Green (1%)
- Blue (13%)



- Red (35%)
- Yellow (1%)
- Blue (13%)



- Cyan (0%)
- Magenta (97%)
- Yellow (62%)
- Black (65%)



- Cyan (65%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.2480, 41.3050, 27.8730 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 32.2480, 41.3050, 27.8730 by changing the saturation by 10% instead.

■ 32.2480, 41.3050,
27.8730

■ 32.2480, 41.3050,
27.8730

■ 250.8910, 1.9250,
3.6610

■ 20.2050, 33.6960,
17.0880

■ 86.5810, 44.5610,
23.9290

■ 11.4760, 22.3270,
8.3670

■ 112.3640, 46.6700,
24.2540

■ 0.0000, 0.0000,
0.0000


■ 139.1470, 48.7790,
24.5790


■ 166.0440, 50.5670,
25.2150


■ 192.3320, 49.6960,
24.4800


■ 211.3730, 33.2830,


19.0670


 231.5880, 16.3200,
12.6080


 32.2480, 41.3050,
27.8730


 32.2480, 41.3050,
27.8730


 30.2590, 42.7720,
28.8200

 38.2150, 36.9040,
25.0320

 44.0680, 32.8240,
21.8800

 50.0350, 28.4230,
19.0390

 56.0020, 24.0220,
16.1980

 61.2680, 20.2170,
13.5690

■ 67.2350, 15.8160,
10.7280

■ 73.2020, 11.4150,
7.8870

■ 79.1690, 7.0140,
5.0460

■ 85.0220, 2.9340,
1.8940

Harmonies

Analogous

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



37.3310, 25.0740, 30.1780



32.2480, 41.3050, 27.8730



36.0240, 44.1510, 9.3270

Triad

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



32.2480, 41.3050, 27.8730



33.2480, -4.5350, -22.4470



40.0660, -43.9240, 3.0840

Complementary

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



32.2480, 41.3050, 27.8730



59.7520, -41.3050, -27.8730

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.



39.8890, -39.2920, -3.7720



32.2480, 41.3050, 27.8730



33.0320, -21.3620, -20.3540

Square

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



32.2480, 41.3050, 27.8730



39.2830, 14.7200, -13.4720



37.5120, -31.2210, -12.3810



36.2990, -42.9620, 7.6780

Rectangle

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



32.2480, 41.3050, 27.8730



39.1490, 36.1290, 0.5210



37.5120, -31.2210, -12.3810



40.1970, -42.9150, 1.3170

Sweetspot

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



32.2480, 41.3050, 27.8730



92.5340, 16.4120, 10.9400



28.9500, 4.5780, 38.1940



45.1910, 9.9480, 6.9400



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



32.2480, 41.3050, 27.8730



39.0590, 55.3790, 37.1310



35.1710, 48.2310, 12.4790



40.4240, 1.7420, 1.4700



36.4390, 51.2530, 34.8130



79.9550, 112.7750, 76.2550

Inverse Universe

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



32.2480, 41.3050, 27.8730



39.0590, 55.3790, 37.1310



56.8290, -48.2310, -12.4790



40.4240, 1.7420, 1.4700



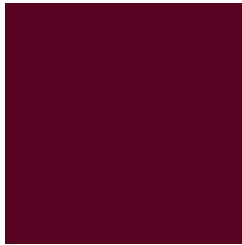
36.4390, 51.2530, 34.8130



79.9550, 112.7750, 76.2550

Previews

White Background



This preview shows how the YIQ color 32.2480, 41.3050, 27.8730 looks on a white background.

Color Contrast Check

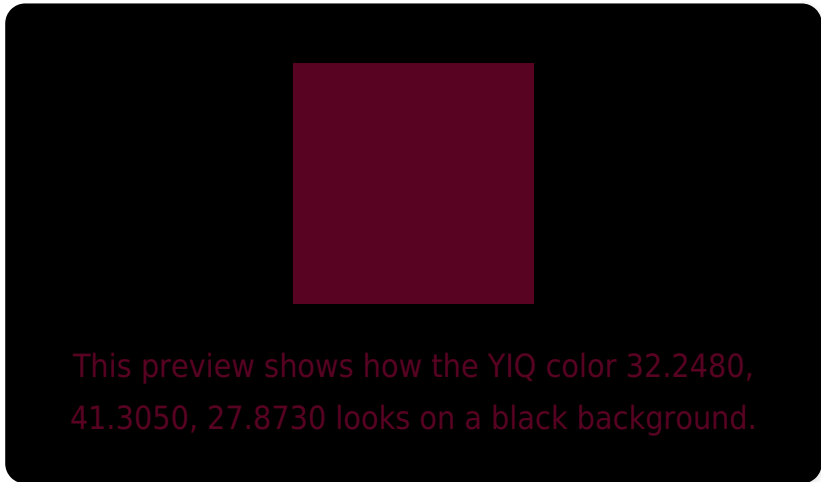
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2480, 41.3050, 27.8730

Background



This preview shows how black text looks on a background with the YIQ color 32.2480, 41.3050, 27.8730.



This preview shows how white text looks on a background with the YIQ color 32.2480, 41.3050,

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

32.2480, 41.3050, 27.8730

Protanopia

45.5700, -1.6050, 1.5550

Deuteranopia

45.6930, 11.0500, -2.0220



Tritanopia

36.0120, 44.4250, 15.3770

Trichromacy



Original Color

32.2480, 41.3050, 27.8730

Protanomaly

40.8650, 13.9820, 10.9260

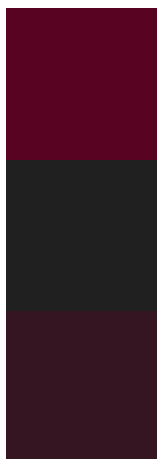
Deuteranomaly

40.5900, 22.0060, 8.6780

Tritanomaly

34.5760, 42.9570, 19.9570

Monochromacy



Original Color

32.2480, 41.3050, 27.8730

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.9360, 15.2200, 10.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.2480, 41.3050, 27.8730 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(89, 3, 34)` looks like.

```
.text, #text, p{  
    color:rgb(89, 3, 34)  
}
```

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(89, 3, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 3, 34) }
```

Border

The CSS property to change the border of an element to YIQ 32.2480, 41.3050, 27.8730 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(89, 3, 34) }
```


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

```
.border{ border-color:rgb(89, 3, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 3, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 3, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 3, 34); box-shadow:4px  
4px 4px 4px rgb(89, 3, 34) }
```

Background

The CSS property to change the background color of an element to YIQ 32.2480, 41.3050, 27.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 3, 34) }
```

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

```
.background{ background-color: rgb(89, 3,  
34) }
```

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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