

Converting Colors

YIQ(27.0600, 8.9390, 8.7070)

Have a look what the booklet for
YIQ(27.0600, 8.9390, 8.7070)
contains.

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Color

YIQ(27.0600, 8.9390, 8.7070)

Conversions

Conversions Part 1

Format	Color
Hex	291320
RGB	41, 19, 32
RGB Percent	16%, 7%, 13%
CMY	0.8392, 0.9255, 0.8745
CMYK	0.00, 0.54, 0.22, 0.84
HSL	325°, 37%, 12%
HSV	325°, 54%, 16%
XYZ	1.4086, 1.0415, 1.4937
YIQ	27.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

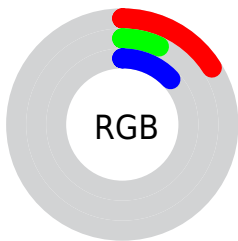
Format	Color
R_{YB}	41, 19, 32
Decimal	2691872
CIE Lab	9.33, 13.62, -4.20
CIE LCh	9, 14.257, 342.861
Yxy	1.0415, 0.3572, 0.2641
Android (android.graphics.Color)	4280881952 (0xFF291320)
YUV	27.0600, 2.4354, 12.2254
Hunter-Lab	10.2053, 6.7780, -1.5345

Details

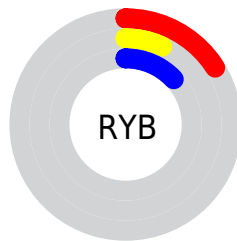
The YIQ color **27.0600, 8.9390, 8.7070** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **32.9400, -8.9390, -8.7070**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **71.0710, 10.4060, 9.6540**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.4840, 10.6810, 10.1770**, and if you desaturate by 10%, it is **29.6360, 7.1970, 7.2370**.

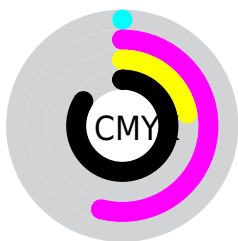
Distribution



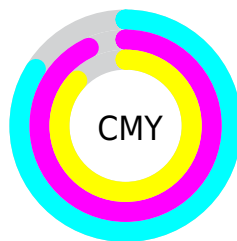
- Red (16%)
- Green (7%)
- Blue (13%)



- Red (16%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (22%)
- Black (84%)



- Cyan (84%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.0600, 8.9390, 8.7070 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 27.0600, 8.9390, 8.7070 by changing the saturation by 10% instead.

■ 27.0600, 8.9390,
8.7070

■ 27.0600, 8.9390,
8.7070

■ 249.1300, 2.7500,
5.2300

■ 7.1910, 9.9480,
6.9400

■ 71.0710, 10.4060,
9.6540

■ 0.0000, 0.0000,
0.0000

■ 94.7830, 11.2770,
10.3890

■ 119.7830, 11.2770,
10.3890

■ 145.4950, 12.1480,
11.1240

■ 171.7940, 12.7440,
11.3360

■ 199.2070, 13.0190,

11.8590

■ 227.2070, 13.0190,
11.8590

■ 27.0600, 8.9390,
8.7070

■ 27.0600, 8.9390,
8.7070

■ 24.4840, 10.6810,
10.1770

■ 29.6360, 7.1970,
7.2370

■ 22.0220, 12.1020,
11.9580

■ 32.0980, 5.7760,
5.4560

■ 19.4460, 13.8440,
13.4280

■ 34.6740, 4.0340,
3.9860

■ 16.8700, 15.5860,
14.8980

■ 37.2500, 2.2920,
2.5160

■ 14.9950, 16.7320,
16.1560

■ 39.7120, 0.8710,
0.7350

■ 42.8750, -1.1460,
-1.2580

■ 45.4510, -2.8880,
-2.7280

■ 47.9130, -4.3090,
-4.5090

■ 50.4890, -6.0510,
-5.9790

Harmonies

Analogous

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



27.0420, 0.1820, 7.7180



27.0600, 8.9390, 8.7070



26.2300, 14.2120, 6.7560

Triad

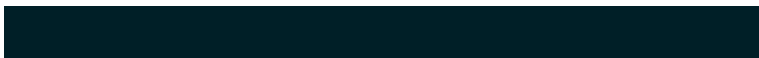
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.0600, 8.9390, 8.7070



24.5200, 9.8590, -7.9730



22.6430, -21.0440, -4.0840

Complementary

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



27.0600, 8.9390, 8.7070



32.9400, -8.9390, -8.7070

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.



21.6170, -18.1550, -6.8830



27.0600, 8.9390, 8.7070



23.3170, 0.1850, -8.8630

Square

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



27.0600, 8.9390, 8.7070



25.5640, 15.7270, -4.1850



21.3740, -13.1570, -9.3570



22.0390, -22.0990, -1.4830

Rectangle

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



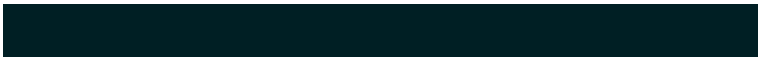
27.0600, 8.9390, 8.7070



26.0190, 16.1840, 4.0560



21.3740, -13.1570, -9.3570



22.3010, -20.0810, -5.0170

Sweetspot

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



27.0600, 8.9390, 8.7070



48.2610, 3.7590, 3.4630



24.1990, -1.6980, 8.7500



24.8370, 2.0170, 1.9930



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



27.0600, 8.9390, 8.7070



31.8590, 14.1190, 13.9510



25.8060, 12.4700, 5.2860



18.8260, 0.5500, 1.0460



30.8160, 34.0140, 33.3580



77.6380, 86.2270, 83.8190

Inverse Universe

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



27.0600, 8.9390, 8.7070



31.8590, 14.1190, 13.9510



34.1940, -12.4700, -5.2860



18.8260, 0.5500, 1.0460



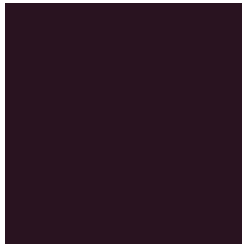
30.8160, 34.0140, 33.3580



77.6380, 86.2270, 83.8190

Previews

White Background



This preview shows how the YIQ color 27.0600, 8.9390, 8.7070 looks on a white background.

Color Contrast Check

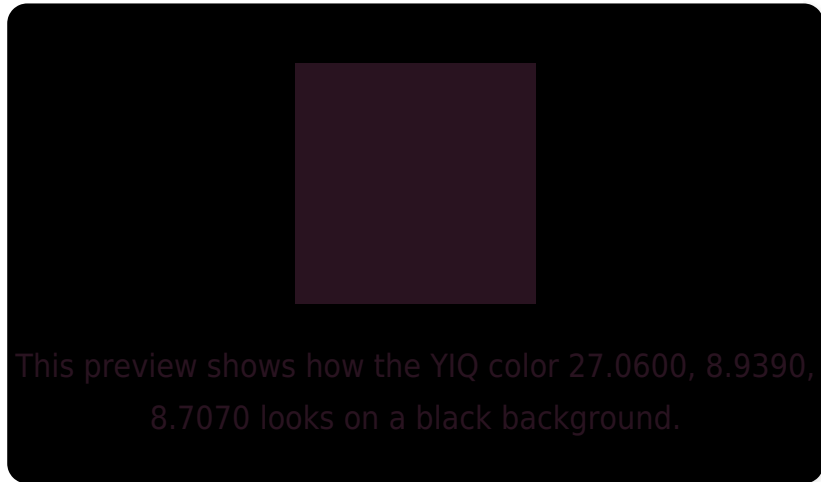
Large Text (above 18pt) WCAG AA ✓ Pass

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

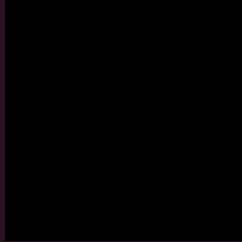
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.0600, 8.9390, 8.7070

Background



This preview shows how black text looks on a background with the YIQ color 27.0600, 8.9390, 8.7070.



This preview shows how white text looks on a background with the YIQ color 27.0600, 8.9390, 8.7070.

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

27.0600, 8.9390, 8.7070

Protanopia

26.6560, -4.7230, 2.9970

Deuteranopia

27.1680, -0.4130, 1.9790



Tritanopia

26.9090, 10.6820, 4.6500

Trichromacy



Original Color

27.0600, 8.9390, 8.7070

Protanomaly

26.4610, 0.3200, 5.2160

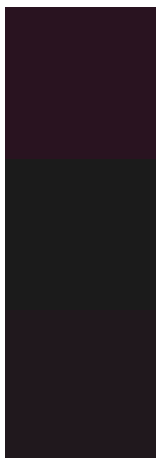
Deuteranomaly

26.9020, 3.3920, 4.6080

Tritanomaly

26.6640, 9.9940, 6.1060

Monochromacy



Original Color

27.0600, 8.9390, 8.7070

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.0600, 8.9390, 8.7070 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(41, 19, 32)` looks like.

```
.text, #text, p{  
    color:rgb(41, 19, 32)  
}
```

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(41, 19, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 19, 32) }
```

Border

The CSS property to change the border of an element to YIQ 27.0600, 8.9390, 8.7070 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(41, 19, 32) }
```

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

```
.border{ border-color:rgb(41, 19, 32) }
```

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

Here you see how a box with a 4 pixel rgb(41, 19, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 19, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 19, 32);  
box-shadow:4px 4px 4px 4px rgb(41, 19, 32)  
}
```


Background

The CSS property to change the background color of an element to YIQ 27.0600, 8.9390, 8.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 19, 32) }
```

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

```
.background{ background-color: rgb(41, 19,  
32) }
```

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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