

Converting Colors

YIQ(27.1980, -7.9840, 34.5760)

Have a look what the booklet for
YIQ(27.1980, -7.9840, 34.5760)
contains.

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Color

**YIQ(27.1980, -7.9840,
34.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	29075F
RGB	41, 7, 95
RGB Percent	16%, 3%, 37%
CMY	0.8391, 0.9726, 0.6276
CMYK	0.57, 0.93, 0.00, 0.63
HSL	263°, 86%, 20%
HSV	263°, 93%, 37%
XYZ	3.0561, 1.4495, 10.9391
YIQ	27.1980, -7.9840, 34.5760

Conversions

Conversions Part 2

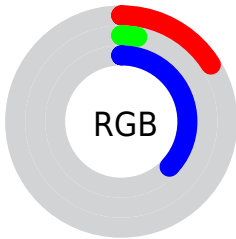
Format	Color
R_{YB}	41, 7, 95
Decimal	2688863
CIE _{Lab}	12.28, 37.08, -44.21
CIE _{LCh}	12, 57.703, 309.987
Yxy	1.4495, 0.1979, 0.0939
Android (android.graphics.Color)	4280878943 (0xFF29075F)
YUV	27.1980, 33.4264, 12.1044
Hunter-Lab	12.0397, 24.2396, -45.4424

Details

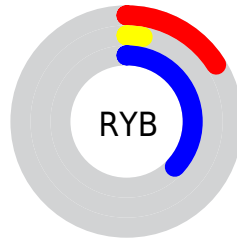
The YIQ color **27.1980, -7.9840, 34.5760** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **74.8020, 7.9840, -34.5760**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **77.0350, -5.9670, 36.5690**, and **5.9450, -15.3620, 14.0940** is the 20% darker color. If you saturate the color by 10%, you get **21.8930, -8.4430, 37.3890**, and if you desaturate by 10%, it is **34.2750, -6.8830, 31.1410**.

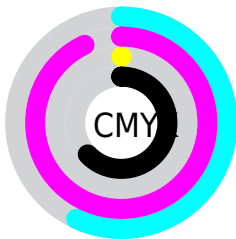
Distribution



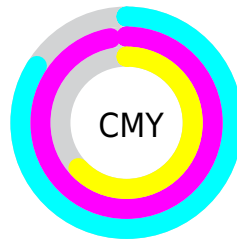
- Red (16%)
- Green (3%)
- Blue (37%)



- Red (16%)
- Yellow (3%)
- Blue (37%)



- Cyan (57%)
- Magenta (93%)
- Yellow (0%)
- Black (63%)



- Cyan (84%)
- Magenta (97%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.1980, -7.9840, 34.5760 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 27.1980, -7.9840, 34.5760 by changing the saturation by 10% instead.

■ 27.1980, -7.9840,
34.5760

■ 27.1980, -7.9840,
34.5760

■ 246.1950, 4.1250,
7.8450

■ 12.8780, -13.2550,
25.4730

■ 77.0350, -5.9670,
36.5690

■ 5.9450, -15.3620,
14.0940

■ 102.2740, -5.1420,
38.1380

■ 3.5510, -8.6210,
7.5630

■ 128.2140, -4.9130,
39.4950


■ 0.0000, 0.0000,
0.0000


■ 155.0400, -4.3630,
40.5410


■ 181.6380, -3.1710,
40.9650


■ 206.1580, 6.6880,


32.9920


 229.1720, 12.1000,
23.0120


 27.1980, -7.9840,
34.5760


 27.1980, -7.9840,
34.5760


 21.8930, -8.4430,
37.3890

 34.2750, -6.8830,
31.1410

 41.9390, -6.0570,
27.1830

 49.0160, -4.9560,
23.7480

 56.3810, -4.7260,
19.5780

 63.4580, -3.6250,
16.1430

■ 71.1220, -2.7990,
12.1850

■ 78.1990, -1.6980,
8.7500

■ 85.8630, -0.8720,
4.7920

■ 92.6410, -0.3670,
1.1450

Harmonies

Analogous

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



33.5410, -46.2190, 17.1490



27.1980, -7.9840, 34.5760



32.2550, 31.4000, 36.6800

Triad

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



27.1980, -7.9840, 34.5760



29.1040, 32.0020, 3.7300



32.7190, -27.3700, -10.5860

Complementary

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



27.1980, -7.9840, 34.5760



74.8020, 7.9840, -34.5760

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.



27.0020, -12.6500, -24.0580



27.1980, -7.9840, 34.5760



29.2160, 7.6590, -12.1570

Square

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



27.1980, -7.9840, 34.5760



25.4150, 50.6600, 18.0200



24.6540, -11.5500, -21.9660



37.1650, -39.8890, 1.5430

Rectangle

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



27.1980, -7.9840, 34.5760



31.9820, 45.1100, 30.5020



24.6540, -11.5500, -21.9660



30.5360, -22.6010, -14.4170

Sweetspot

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



27.1980, -7.9840, 34.5760



95.7630, -3.1660, 13.3300



48.7300, -43.0980, -0.8740



44.7860, -1.9730, 8.2270



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



27.1980, -7.9840, 34.5760



27.9610, -11.1500, 47.9060



40.3540, 18.2400, 43.9040



44.7550, -0.6880, 1.4560



25.6250, -10.3240, 43.9480



55.1670, -21.6120, 94.3560

Inverse Universe

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



39.4680, 35.1140, 35.4500



45.0280, 48.6370, 49.1890



61.6460, -18.2400, -43.9040



45.5380, 1.4210, 1.7810



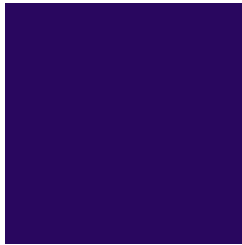
41.3540, 44.6030, 45.2030



88.5180, 95.8530, 96.5970

Previews

White Background



This preview shows how the YIQ color 27.1980, -7.9840, 34.5760 looks on a white background.

Color Contrast Check

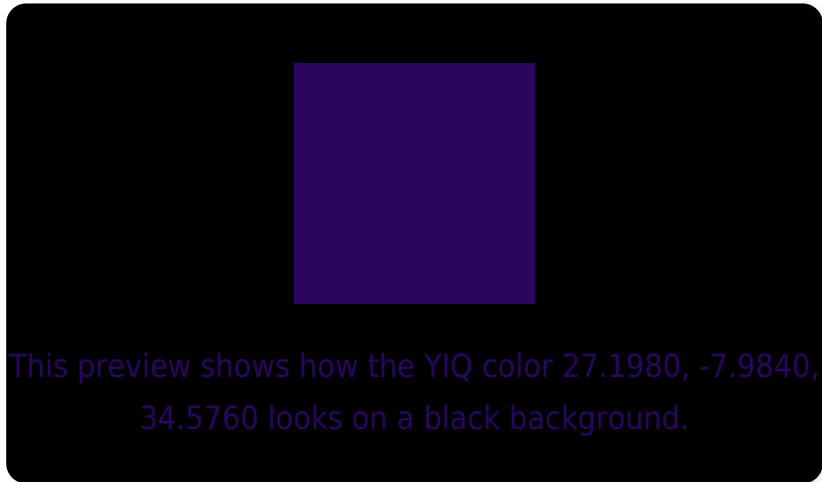
Large Text (above 18pt) WCAG AA ✓ Pass

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

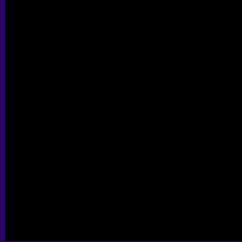
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.1980, -7.9840, 34.5760

Background



This preview shows how black text looks on a background with the YIQ color 27.1980, -7.9840, 34.5760.



This preview shows how white text looks on a background with the YIQ color 27.1980, -7.9840,

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

27.1980, -7.9840, 34.5760

Protanopia

27.9380, -31.8200, 3.9880

Deuteranopia

27.9720, -29.1600, -0.1680



Tritanopia

32.2590, -11.0950, -2.6710

Trichromacy



Original Color

27.1980, -7.9840, 34.5760

Protanomaly

27.5790, -23.0190, 15.1970

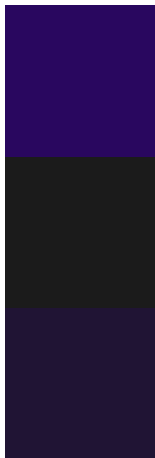
Deuteranomaly

27.4820, -21.3680, 12.8080

Tritanomaly

30.4740, -9.7220, 10.9980

Monochromacy



Original Color

27.1980, -7.9840, 34.5760

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.2360, -3.1200, 12.4960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.1980, -7.9840, 34.5760 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, 7, 95)` looks like.

```
.text, #text, p{  
    color:rgb(41, 7, 95)  
}
```

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, 7, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 7, 95) }
```

Border

The CSS property to change the border of an element to YIQ 27.1980, -7.9840, 34.5760 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, 7, 95) }
```


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

```
.border{ border-color:rgb(41, 7, 95) }
```

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

Here you see how a box with a 4 pixel rgb(41, 7, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 7, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 7, 95); box-shadow:4px  
4px 4px 4px rgb(41, 7, 95) }
```

Background

The CSS property to change the background color of an element to YIQ 27.1980, -7.9840, 34.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 7, 95) }
```

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

```
.background{ background-color: rgb(41, 7,  
95) }
```

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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