

Converting Colors

YIQ(40.2650, -27.2860, 31.9620)

Have a look what the booklet for
YIQ(40.2650, -27.2860, 31.9620)
contains.

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Color

**YIQ(40.2650, -27.2860,
31.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	221B7D
RGB	34, 27, 125
RGB Percent	13%, 11%, 49%
CMY	0.8666, 0.8941, 0.5100
CMYK	0.73, 0.78, 0.00, 0.51
HSL	244°, 64%, 30%
HSV	244°, 78%, 49%
XYZ	4.7509, 2.6036, 19.6385
YIQ	40.2650, -27.2860, 31.9620

Conversions

Conversions Part 2

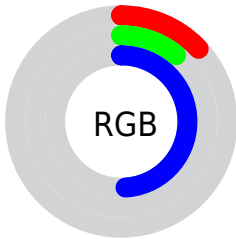
Format	Color
RYB	34, 27, 125
Decimal	2235261
CIELab	18.38, 35.99, -53.72
CIELCh	18, 64.663, 303.818
Yxy	2.6036, 0.1760, 0.0965
Android (android.graphics.Color)	4280425341 (0xFF221B7D)
YUV	40.2650, 41.7744, -5.4944
Hunter-Lab	16.1358, 24.3185, -60.8654




Details

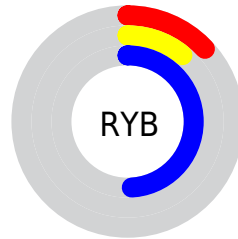
The YIQ color **40.2650, -27.2860, 31.9620** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **111.7350, 27.2860, -31.9620**, and the grayscale version is **40.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **91.3630, -21.5100, 37.4180**, and **8.5500, -24.0750, 23.3250** is the 20% darker color. If you saturate the color by 10%, you get **29.6330, -31.1380, 35.6940**, and if you desaturate by 10%, it is **50.8970, -23.4340, 28.2300**.

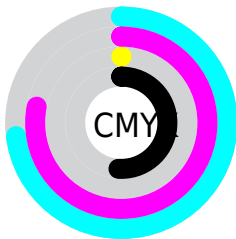
Distribution







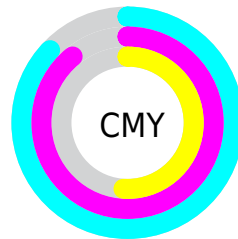
-  Red (13%)
-  Green (11%)
-  Blue (49%)






-  Red (13%)
-  Yellow (11%)
-  Blue (49%)



-  Cyan (73%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (87%)
-  Magenta (89%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.2650, -27.2860, 31.9620 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 40.2650, -27.2860, 31.9620 by changing the saturation by 10% instead.

■ 40.2650, -27.2860,
31.9620

■ 40.2650, -27.2860,
31.9620

■ 255.0000, -0.0000,
-0.0000

■ 14.8080, -33.4290,
27.6510

■ 91.3630, -21.5100,
37.4180

■ 8.5500, -24.0750,
23.3250

■ 117.0150,
-20.4100, 39.5100

■ 8.1620, -17.4710,
13.7690

■ 143.2540,
-19.5850, 41.0790

■ 4.4800, -9.8590,
7.9730

■ 169.1680,
-16.4670, 39.6370

■ 0.0000, 0.0000,
0.0000

■ 193.6880, -6.6080,
31.6640

■ 218.2080, 3.2510,

23.6910

240.9120, 6.6000,
12.5520

40.2650, -27.2860,
31.9620

40.2650, -27.2860,
31.9620

29.6330, -31.1380,
35.6940

50.8970, -23.4340,
28.2300

18.7130, -34.1190,
40.1610

61.8170, -20.4530,
23.7630

16.9410, -34.7610,
40.7830

72.4490, -16.6010,
20.0310

83.3690, -13.6200,
15.5640

94.0010, -9.7680,
11.8320

■ 105.2200, -6.1910,
7.5770

■ 115.5530, -2.9350,
3.6330

■ 126.7720, 0.6420,
-0.6220

■ 137.1050, 3.8980,
-4.5660

Harmonies

Analogous

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



46.1250, -59.6070, 17.4890



40.2650, -27.2860, 31.9620



40.1170, 32.2690, 48.4690

Triad

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



40.2650, -27.2860, 31.9620



38.9270, 45.8020, 6.9380



41.5070, -32.8250, -16.3530

Complementary

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



40.2650, -27.2860, 31.9620



111.7350, 27.2860, -31.9620

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.



34.6330, -16.2250, -30.8570



40.2650, -27.2860, 31.9620



42.2510, 17.7460, -13.2460

Square

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



40.2650, -27.2860, 31.9620



33.4880, 66.7520, 23.7440



32.2850, -15.1250, -28.7650



47.4520, -48.1870, -2.2590

Rectangle

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



40.2650, -27.2860, 31.9620



41.4810, 51.4350, 42.5310



32.2850, -15.1250, -28.7650



39.5690, -27.3680, -21.6400

Sweetspot

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



40.2650, -27.2860, 31.9620



129.3430, -10.7310, 12.7650



91.5890, -56.4830, -17.1150



61.3340, -6.5120, 7.8880



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



40.2650, -27.2860, 31.9620



30.7310, -42.5570, 49.9150



54.9160, 1.9180, 42.3500



58.0970, -1.6510, 2.3890



17.2830, -35.7240, 41.7160



0.0000, 0.0000, 0.0000

Inverse Universe

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



66.6760, 29.1970, 49.0770



71.9350, 45.6060, 76.5980



97.0840, -1.9180, -42.3500



59.7770, 2.2460, 3.3500



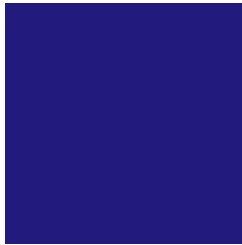
51.7240, 38.4100, 63.8340



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 40.2650, -27.2860, 31.9620 looks on a white background.

Color Contrast Check

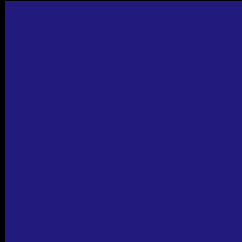
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 40.2650, -27.2860, 31.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

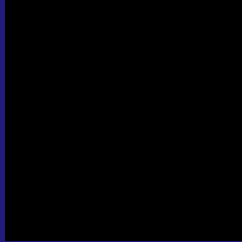
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.2650, -27.2860, 31.9620

Background



This preview shows how black text looks on a background with the YIQ color 40.2650, -27.2860, 31.9620.



This preview shows how white text looks on a background with the YIQ color 40.2650, -27.2860,

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

40.2650, -27.2860, 31.9620

Protanopia

36.4300, -41.9530, 5.9110

Deuteranopia

36.5950, -38.2840, -0.0120



Tritanopia

36.0930, -31.3590, -9.8790

Trichromacy



Original Color

40.2650, -27.2860, 31.9620

Protanomaly

37.8640, -37.0030, 15.3250

Deuteranomaly

38.0120, -34.6640, 11.4800

Tritanomaly

37.3620, -30.0780, 5.4580

Monochromacy



Original Color

40.2650, -27.2860, 31.9620

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.0010, -9.7680, 11.8320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.2650, -27.2860, 31.9620 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(34, 27, 125)` looks like.

```
.text, #text, p{  
    color:rgb(34, 27, 125)  
}
```

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(34, 27, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 27, 125) }
```

Border

The CSS property to change the border of an element to YIQ 40.2650, -27.2860, 31.9620 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(34, 27, 125) }
```


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

```
.border{ border-color:rgb(34, 27, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 27, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 27, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 27, 125);  
box-shadow:4px 4px 4px 4px rgb(34, 27,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 40.2650, -27.2860, 31.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 27, 125) }
```

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

```
.background{ background-color: rgb(34, 27,  
125) }
```

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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