

Converting Colors

YIQ(40.9960, -27.4260, 45.5180)

Have a look what the booklet for
YIQ(40.9960, -27.4260, 45.5180)
contains.

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Color

**YIQ(40.9960, -27.4260,
45.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	2B1395
RGB	43, 19, 149
RGB Percent	17%, 7%, 58%
CMY	0.8312, 0.9255, 0.4159
CMYK	0.71, 0.87, 0.00, 0.42
HSL	251°, 77%, 33%
HSV	251°, 87%, 58%
XYZ	6.6510, 3.1480, 28.6685
YIQ	40.9960, -27.4260, 45.5180

Conversions

Conversions Part 2

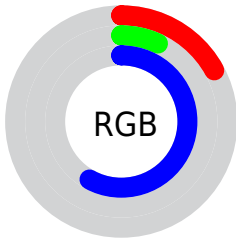
Format	Color
R_{YB}	43, 19, 149
Decimal	2823061
CIE _{Lab}	20.63, 48.17, -65.04
CIE _{LCh}	21, 80.930, 306.523
Yxy	3.1480, 0.1729, 0.0818
Android (android.graphics.Color)	4281013141 (0xFF2B1395)
YUV	40.9960, 53.2460, 1.7575
Hunter-Lab	17.7426, 35.8632, -83.3811




Details

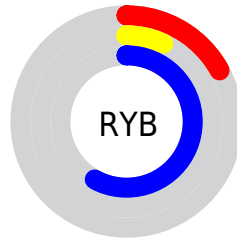
The YIQ color **40.9960, -27.4260, 45.5180** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **127.0040, 27.4260, -45.5180**, and the grayscale version is **40.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **94.8660, -21.0080, 50.3520**, and **11.0580, -31.1370, 30.1670** is the 20% darker color. If you saturate the color by 10%, you get **28.6030, -30.4530, 50.8190**, and if you desaturate by 10%, it is **53.3890, -24.3990, 40.2170**.

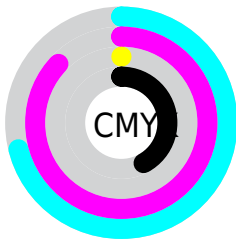
Distribution







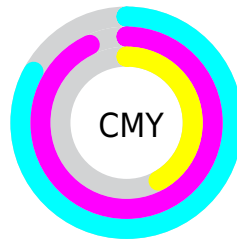
-  Red (17%)
-  Green (7%)
-  Blue (58%)







-  Red (17%)
-  Yellow (7%)
-  Blue (58%)



-  Cyan (71%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (83%)
-  Magenta (93%)
-  Yellow (42%)
-  Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.9960, -27.4260, 45.5180 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 40.9960, -27.4260, 45.5180 by changing the saturation by 10% instead.

■ 40.9960, -27.4260,
45.5180

■ 40.9960, -27.4260,
45.5180

■ 255.0000, -0.0000,
-0.0000

■ 13.9080, -39.1620,
37.9420

■ 94.8660, -21.0080,
50.3520

■ 11.0580, -31.1370,
30.1670

■ 121.5180,
-19.9080, 52.4440

■ 9.3820, -23.6620,
21.3460

■ 147.9590,
-16.8360, 51.8360

■ 7.8200, -16.5080,
12.8360

■ 172.1910, -6.1060,
44.5980

■ 3.6650, -8.9420,
7.8740

■ 197.2980, 3.4780,
36.1020

■ 0.0000, 0.0000,
0.0000

■ 222.1170, 13.9330,

28.3410

239.7380, 7.1500,
13.5980

40.9960, -27.4260,
45.5180

40.9960, -27.4260,
45.5180

28.6030, -30.4530,
50.8190

53.3890, -24.3990,
40.2170

25.3580, -31.1410,
52.2750

65.7820, -21.3720,
34.9160

78.1750, -18.3450,
29.6150

90.8670, -14.7220,
24.5260

102.6730,
-11.4200, 19.7480

■ 115.0660, -8.3930,
14.4470

■ 127.4590, -5.3660,
9.1460

■ 139.8520, -2.3390,
3.8450

■ 152.2450, 0.6880,
-1.4560

Harmonies

Analogous

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



53.2950, -71.5290, 24.3030



40.9960, -27.4260, 45.5180



48.3620, 42.1250, 57.0770

Triad

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



40.9960, -27.4260, 45.5180



42.8030, 52.0830, 8.7470



47.5710, -38.8770, -16.8050

Complementary

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



40.9960, -27.4260, 45.5180



127.0040, 27.4260, -45.5180

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.



39.3290, -18.4250, -35.0410



40.9960, -27.4260, 45.5180



45.7730, 16.0960, -16.3840

Square

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



40.9960, -27.4260, 45.5180



38.8700, 77.4800, 27.5600



36.9810, -17.3250, -32.9490



54.8840, -58.0910, 1.0210

Rectangle

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



40.9960, -27.4260, 45.5180



48.9990, 64.7760, 48.5520



36.9810, -17.3250, -32.9490



44.5900, -31.8610, -22.8130

Sweetspot

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



40.9960, -27.4260, 45.5180



151.8040, -10.4110, 17.9810



96.0420, -70.8800, -15.0080



71.9150, -6.6500, 10.3900



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



40.9960, -27.4260, 45.5180



32.8800, -40.8180, 67.9660



60.4310, 11.3140, 59.2980



68.0970, -1.6510, 2.3890



23.2070, -29.3980, 48.2180



1.7380, -2.0180, 3.5340

Inverse Universe

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



69.9540, 43.4540, 60.5260



76.0180, 64.9060, 90.2660



107.5690, -11.3140, -59.2980



69.7770, 2.2460, 3.3500



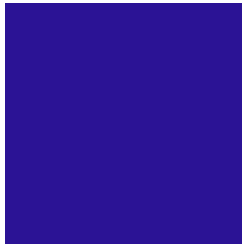
54.0300, 46.2960, 64.0880



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 40.9960, -27.4260, 45.5180 looks on a white background.

Color Contrast Check

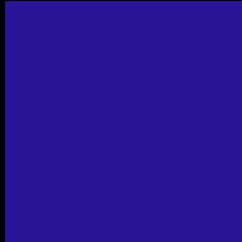
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9960, -27.4260, 45.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

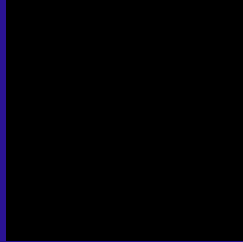
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.9960, -27.4260, 45.5180

Background



This preview shows how black text looks on a background with the YIQ color 40.9960, -27.4260, 45.5180.



This preview shows how white text looks on a background with the YIQ color 40.9960, -27.4260,

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

40.9960, -27.4260, 45.5180

Protanopia

40.5050, -46.5380, 6.4060

Deuteranopia

40.5560, -42.5480, 0.1720



Tritanopia

40.2990, -34.9350, -11.1510

Trichromacy



Original Color

40.9960, -27.4260, 45.5180

Protanomaly

40.7700, -39.4340, 20.8380

Deuteranomaly

40.8040, -36.7740, 16.6820

Tritanomaly

40.5130, -31.8210, 9.5150

Monochromacy



Original Color

40.9960, -27.4260, 45.5180

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.0490, -9.7230, 16.5250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.9960, -27.4260, 45.5180 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(43, 19, 149)` looks like.

```
.text, #text, p{  
    color:rgb(43, 19, 149)  
}
```

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(43, 19, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 19, 149) }
```

Border

The CSS property to change the border of an element to YIQ 40.9960, -27.4260, 45.5180 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(43, 19, 149) }
```


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

```
.border{ border-color:rgb(43, 19, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 19, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 19, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 19, 149);  
box-shadow:4px 4px 4px 4px rgb(43, 19,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 40.9960, -27.4260, 45.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 19, 149) }
```

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

```
.background{ background-color: rgb(43, 19,  
149) }
```

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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