

Converting Colors

YIQ(42.7440, -27.3770, 28.1030)

Have a look what the booklet for
YIQ(42.7440, -27.3770, 28.1030)
contains.

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Color

**YIQ(42.7440, -27.3770,
28.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	222079
RGB	34, 32, 121
RGB Percent	13%, 13%, 47%
CMY	0.8666, 0.8745, 0.5257
CMYK	0.72, 0.74, 0.00, 0.53
HSL	241°, 58%, 30%
HSV	241°, 74%, 47%
XYZ	4.6251, 2.7527, 18.3622
YIQ	42.7440, -27.3770, 28.1030

Conversions

Conversions Part 2

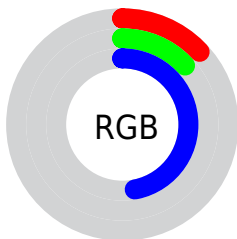
Format	Color
R_{YB}	34, 32, 121
Decimal	2236537
CIE _{Lab}	19.02, 31.57, -50.11
CIE _{LCh}	19, 59.227, 302.214
Yxy	2.7527, 0.1797, 0.1069
Android (android.graphics.Color)	4280426617 (0xFF222079)
YUV	42.7440, 38.5802, -7.6685
Hunter-Lab	16.5913, 20.7253, -54.0045

Details

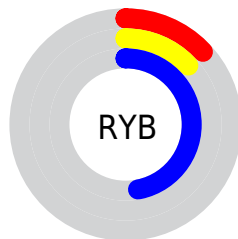
The YIQ color **42.7440, -27.3770, 28.1030** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **110.2560, 27.3770, -28.1030**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **92.5430, -22.1970, 33.3470**, and **8.0940, -22.7910, 22.0810** is the 20% darker color. If you saturate the color by 10%, you get **32.1120, -31.2290, 31.8350**, and if you desaturate by 10%, it is **53.3760, -23.5250, 24.3710**.

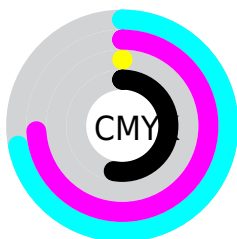
Distribution



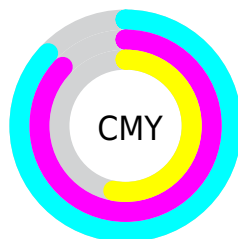
- Red (13%)
- Green (13%)
- Blue (47%)



- Red (13%)
- Yellow (13%)
- Blue (47%)



- Cyan (72%)
- Magenta (74%)
- Yellow (0%)
- Black (53%)



- Cyan (87%)
- Magenta (87%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.7440, -27.3770, 28.1030 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 42.7440, -27.3770, 28.1030 by changing the saturation by 10% instead.

■ 42.7440, -27.3770,
28.1030

■ 42.7440, -27.3770,
28.1030

■ 255.0000, -0.0000,
-0.0000

■ 17.4010, -33.8410,
24.1030

■ 92.5430, -22.1970,
33.3470

■ 8.0940, -22.7910,
22.0810

■ 118.1950,
-21.0970, 35.4390

■ 7.8200, -16.5080,
12.8360

■ 144.8360,
-21.4640, 36.5840

■ 3.5510, -8.6210,
7.5630

■ 171.5050,
-19.0340, 36.5980

■ 0.0000, 0.0000,
0.0000

■ 195.7260, -9.7710,
28.4130

■ 220.5450, 0.6840,

20.6520

243.8470, 5.2250,
9.9370

42.7440, -27.3770,
28.1030

42.7440, -27.3770,
28.1030

32.1120, -31.2290,
31.8350

53.3760, -23.5250,
24.3710

21.4800, -35.0810,
35.5670

64.0080, -19.6730,
20.6390

14.6910, -37.0530,
38.2670

74.3410, -16.4170,
16.6950

84.9730, -12.5650,
12.9630

95.6050, -8.7130,
9.2310

■ 106.8240, -5.1360,
4.9760

■ 117.4560, -1.2840,
1.2440

■ 128.0880, 2.5680,
-2.4880

■ 138.4210, 5.8240,
-6.4320

Harmonies

Analogous

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



45.9140, -57.6350, 14.7890



42.7440, -27.3770, 28.1030



38.9210, 29.8850, 47.6210

Triad

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



42.7440, -27.3770, 28.1030



40.9870, 45.5730, 5.5810



41.8660, -32.4580, -17.4980

Complementary

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



42.7440, -27.3770, 28.1030



110.2560, 27.3770, -28.1030

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.



35.2200, -16.5000, -31.3800



42.7440, -27.3770, 28.1030



43.4470, 20.1300, -12.3980

Square

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



42.7440, -27.3770, 28.1030



33.1890, 66.1560, 23.5320



32.8720, -15.4000, -29.2880



46.8820, -46.5820, -3.8140

Rectangle

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



42.7440, -27.3770, 28.1030



40.2140, 47.8130, 42.0930



32.8720, -15.4000, -29.2880



39.5690, -27.3680, -21.6400

Sweetspot

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



42.7440, -27.3770, 28.1030



127.2890, -10.6390, 11.0970



93.2150, -52.4940, -17.8220



60.6930, -6.1450, 6.7430



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



42.7440, -27.3770, 28.1030



35.7430, -42.8310, 43.8650



55.9000, -1.1530, 37.4310



55.6840, -1.9260, 1.8660



15.1470, -38.3370, 39.5110



30.5220, -77.3160, 79.6440

Inverse Universe

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



68.5290, 25.1170, 45.9250



76.0650, 39.1880, 71.7640



97.1000, 1.1530, -37.4310



57.4780, 1.6500, 3.1380



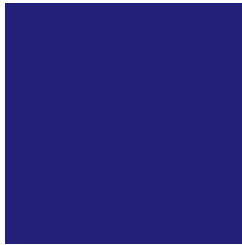
51.2830, 35.3380, 64.4420



103.5060, 70.9050, 130.2410

Previews

White Background



This preview shows how the YIQ color 42.7440, -27.3770, 28.1030 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 42.7440, -27.3770, 28.1030 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 42.7440, -27.3770, 28.1030

Background



This preview shows how black text looks on a background with the YIQ color 42.7440, -27.3770, 28.1030.



This preview shows how white text looks on a background with the YIQ color 42.7440, -27.3770,

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

42.7440, -27.3770, 28.1030

Protanopia

37.2450, -42.8700, 6.0100

Deuteranopia

37.4100, -39.2010, 0.0870



Tritanopia

36.7940, -31.9550, -10.0910

Trichromacy



Original Color

42.7440, -27.3770, 28.1030

Protanomaly

38.9240, -37.2320, 13.9680

Deuteranomaly

39.1860, -35.2140, 10.4340

Tritanomaly

39.0090, -30.5820, 3.5780

Monochromacy



Original Color

42.7440, -27.3770, 28.1030

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.9470, -9.6760, 10.1640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.7440, -27.3770, 28.1030 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, 32, 121)` looks like.

```
.text, #text, p{  
    color:rgb(34, 32, 121)  
}
```

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, 32, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 32, 121) }
```

Border

The CSS property to change the border of an element to YIQ 42.7440, -27.3770, 28.1030 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, 32, 121) }
```


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

```
.border{ border-color:rgb(34, 32, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 32, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 32, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 32, 121);  
box-shadow:4px 4px 4px 4px rgb(34, 32,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 42.7440, -27.3770, 28.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 32, 121) }
```

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

```
.background{ background-color: rgb(34, 32,  
121) }
```

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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