

Converting Colors

YIQ(80.9760, -60.2050, 28.3310)

Have a look what the booklet for
YIQ(80.9760, -60.2050, 28.3310)
contains.

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Color

**YIQ(80.9760, -60.2050,
28.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	294FC4
RGB	41, 79, 196
RGB Percent	16%, 31%, 77%
CMY	0.8392, 0.6901, 0.2317
CMYK	0.79, 0.60, 0.00, 0.23
HSL	225°, 65%, 46%
HSV	225°, 79%, 77%
XYZ	13.6657, 10.0473, 53.3935
YIQ	80.9760, -60.2050, 28.3310

Conversions

Conversions Part 2

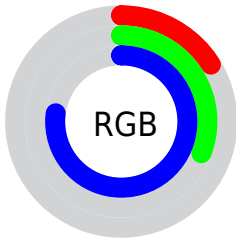
Format	Color
R _Y B	41, 72, 196
Decimal	2707396
CIE Lab	37.93, 29.49, -64.74
CIE LCh	38, 71.139, 294.494
Yxy	10.0473, 0.1772, 0.1303
Android (android.graphics.Color)	4280897476 (0xFF294FC4)
YUV	80.9760, 56.7068, -35.0590
Hunter-Lab	31.6975, 21.4855, -77.6838




Details

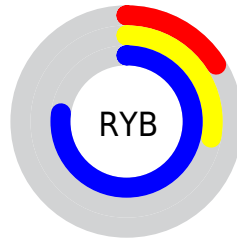
The YIQ color **80.9760, -60.2050, 28.3310** is a dark color, and the websafe version is hex **003399**. The color can be described as dark muted blue. A complement of this color would be **156.0240, 60.2050, -28.3310**, and the grayscale version is **80.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **137.2810, -50.5780, 35.5820**, and **37.2060, -55.1610, 25.0230** is the 20% darker color. If you saturate the color by 10%, you get **66.1910, -68.0000, 31.9360**, and if you desaturate by 10%, it is **95.7610, -52.4100, 24.7260**.

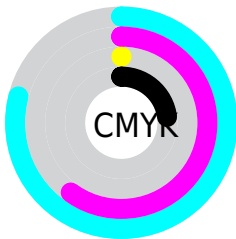
Distribution







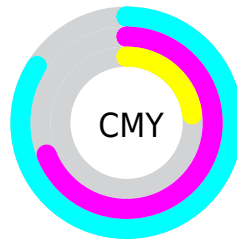
-  Red (16%)
-  Green (31%)
-  Blue (77%)






-  Red (16%)
-  Yellow (28%)
-  Blue (77%)



-  Cyan (79%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (23%)



-  Cyan (84%)
-  Magenta (69%)
-  Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.9760, -60.2050, 28.3310 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 80.9760, -60.2050, 28.3310 by changing the saturation by 10% instead.

■ 80.9760, -60.2050,
28.3310

■ 80.9760, -60.2050,
28.3310

■ 255.0000, -0.0000,
-0.0000

■ 52.6110, -69.6030,
22.4370

■ 137.1670,
-50.2570, 35.2710

■ 37.2060, -55.1610,
25.0230

■ 161.9260,
-39.5730, 28.8670

■ 23.6760, -41.8650,
26.3510

■ 186.1580,
-28.8430, 21.6290

■ 10.1460, -28.5690,
27.6790

■ 211.5640,
-18.6630, 13.3450

■ 11.5190, -22.7900,
16.5540

■ 236.9700, -8.4830,
5.0610

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 80.9760, -60.2050,
28.3310

■ 80.9760, -60.2050,
28.3310

■ 66.1910, -68.0000,
31.9360

■ 95.7610, -52.4100,
24.7260

■ 51.7050, -75.1990,
35.7530

■ 110.2470,
-45.2110, 20.9090

■ 50.5200, -76.1160,
35.8520

■ 124.4450,
-37.1410, 17.8270

■ 138.9310,
-29.9420, 14.0100

■ 153.7160,
-22.1470, 10.4050

■ 168.5010,
-14.3520, 6.8000

■ 182.9870, -7.1530,
2.9830

■ 197.1850, 0.9170,
-0.0990

■ 211.6710, 8.1160,
-3.9160

Harmonies

Analogous

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



82.1840, -93.6260, 11.7660



80.9760, -60.2050, 28.3310



85.3200, 24.7480, 58.1240

Triad

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



80.9760, -60.2050, 28.3310



79.2390, 79.9140, 5.4660



74.5220, -55.5170, -34.6290

Complementary

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



80.9760, -60.2050, 28.3310



156.0240, 60.2050, -28.3310

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.



63.9660, -31.3050, -54.9290



80.9760, -60.2050, 28.3310



84.3020, 48.0990, -18.1810

Square

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



80.9760, -60.2050, 28.3310



59.9610, 94.3020, 53.1020



77.8360, 10.6440, -38.7320



81.8350, -74.7310, -16.8030

Rectangle

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



80.9760, -60.2050, 28.3310



65.9340, 64.5420, 74.8300



77.8360, 10.6440, -38.7320



71.5410, -48.5010, -40.6370

Sweetspot

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



80.9760, -60.2050, 28.3310



209.7590, -23.7060, 11.1260



145.2090, -79.8610, -44.9890



100.5010, -14.3520, 6.8000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



80.9760, -60.2050, 28.3310



75.2210, -93.9070, 44.4050



70.3310, -26.5110, 56.4730



89.9010, -4.0350, 1.5410



41.2470, -62.4060, 29.6740



8.4580, -12.7930, 6.0790

Inverse Universe

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



91.6770, 80.1820, 44.6780



92.0840, 125.2930, 69.6530



166.6690, 26.5110, -56.4730



90.3320, 4.9970, 3.0530



52.5850, 83.4370, 46.2610



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 80.9760, -60.2050, 28.3310 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 × Fail

Black Background



This preview shows how the YIQ color 80.9760, -60.2050, 28.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

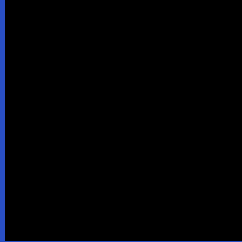
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.9760, -60.2050, 28.3310

Background



This preview shows how black text looks on a background with the YIQ color 80.9760, -60.2050, 28.3310.



This preview shows how white text looks on a background with the YIQ color 80.9760, -60.2050,

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

80.9760, -60.2050, 28.3310

Protanopia

71.1160, -81.7510, 11.3130

Deuteranopia

71.2010, -75.1010, 0.9230



Tritanopia

70.0830, -60.9300, -19.1220

Trichromacy



Original Color

80.9760, -60.2050, 28.3310

Protanomaly

74.4100, -73.5910, 17.6170

Deuteranomaly

75.0480, -69.8760, 10.8600

Tritanomaly

74.2210, -60.6580, -2.0180

Monochromacy



Original Color

80.9760, -60.2050, 28.3310

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.7160, -22.1470, 10.4050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.9760, -60.2050, 28.3310 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, 79, 196)` looks like.

```
.text, #text, p{  
    color:rgb(41, 79, 196)  
}
```

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, 79, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 79, 196) }
```

Border

The CSS property to change the border of an element to YIQ 80.9760, -60.2050, 28.3310 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, 79, 196) }
```


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

```
.border{ border-color:rgb(41, 79, 196) }
```

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

Here you see how a box with a 4 pixel rgb(41, 79, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 79, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 79, 196);  
box-shadow:4px 4px 4px 4px rgb(41, 79,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 80.9760, -60.2050, 28.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 79, 196) }
```

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

```
.background{ background-color: rgb(41, 79,  
196) }
```

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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