

Converting Colors

YIQ(62.9560, -37.9760, 71.5280)

Have a look what the booklet for
YIQ(62.9560, -37.9760, 71.5280)
contains.

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Color

**YIQ(62.9560, -37.9760,
71.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	471BE3
RGB	71, 27, 227
RGB Percent	28%, 11%, 89%
CMY	0.7213, 0.8942, 0.1101
CMYK	0.69, 0.88, 0.00, 0.11
HSL	253°, 79%, 50%
HSV	253°, 88%, 89%
XYZ	16.8487, 7.6666, 73.2084
YIQ	62.9560, -37.9760, 71.5280

Conversions

Conversions Part 2

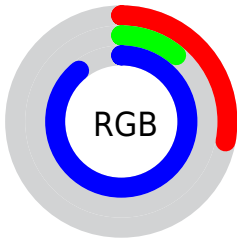
Format	Color
R _Y B	71, 27, 227
Decimal	4660195
CIE Lab	33.28, 68.47, -90.25
CIE LCh	33, 113.281, 307.186
Yxy	7.6666, 0.1724, 0.0785
Android (android.graphics.Color)	4282850275 (0xFF471BE3)
YUV	62.9560, 80.8737, 7.0546
Hunter-Lab	27.6886, 60.1634, -137.3802

Details

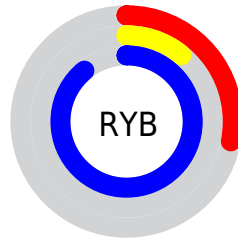
The YIQ color **62.9560, -37.9760, 71.5280** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **191.0440, 37.9760, -71.5280**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.9500, -20.6440, 65.7880**, and **19.3800, -54.5700, 52.8700** is the 20% darker color. If you saturate the color by 10%, you get **44.0730, -42.3790, 79.7410**, and if you desaturate by 10%, it is **81.8390, -33.5730, 63.3150**.

Distribution



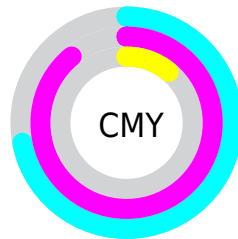
- Red (28%)
- Green (11%)
- Blue (89%)



- Red (28%)
- Yellow (11%)
- Blue (89%)



- Cyan (69%)
- Magenta (88%)
- Yellow (0%)
- Black (11%)



- Cyan (72%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.9560, -37.9760, 71.5280 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 62.9560, -37.9760, 71.5280 by changing the saturation by 10% instead.

■ 62.9560, -37.9760,
71.5280

■ 62.9560, -37.9760,
71.5280

■ 255.0000, -0.0000,
-0.0000

■ 26.4590, -55.8100,
64.3340

■ 119.9500,
-20.6440, 65.7880

■ 19.3800, -54.5700,
52.8700

■ 145.3670, -8.9970,
58.4510

■ 16.1880, -45.5820,
44.1620

■ 170.4850, 2.0540,
50.9020

■ 13.2240, -37.2360,
36.0760

■ 196.4890, 13.4260,
43.0420

■ 17.8910, -32.4650,
21.1910

■ 218.6060, 17.0500,
32.4260

■ 11.5190, -22.7900,
16.5540

■ 235.6290, 9.0750,

■ 6.5490, -14.3070,

17.2590

11.4930

252.6520, 1.1000,
2.0920

2.8670, -6.6950,
5.6970

0.0000, 0.0000,
0.0000

62.9560, -37.9760,
71.5280

62.9560, -37.9760,
71.5280

44.0730, -42.3790,
79.7410

81.8390, -33.5730,
63.3150

40.8280, -43.0670,
81.1970

99.8360, -29.4910,
55.4130

118.7190,
-25.0880, 47.2000

137.6020,
-20.6850, 38.9870

■ 155.8980,
-16.0070, 31.2970

■ 174.4820,
-12.2000, 22.8720

■ 193.3650, -7.7970,
14.6590

■ 212.2480, -3.3940,
6.4460

■ 230.2450, 0.6880,
-1.4560

Harmonies

Analogous

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



81.9000, -106.6050, 32.2350



62.9560, -37.9760, 71.5280



74.2090, 65.6860, 87.1420

Triad

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



62.9560, -37.9760, 71.5280



66.5580, 77.7580, 11.5020



72.9210, -60.6540, -24.1260

Complementary

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



62.9560, -37.9760, 71.5280



191.0440, 37.9760, -71.5280

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.



60.4610, -28.3250, -53.8690



62.9560, -37.9760, 71.5280



71.7440, 23.0670, -27.0850

Square

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



62.9560, -37.9760, 71.5280



59.2020, 118.0080, 41.9760



57.5260, -26.9500, -51.2540



84.8280, -90.0480, 1.9840

Rectangle

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



62.9560, -37.9760, 71.5280



74.6590, 98.9290, 73.8810



57.5260, -26.9500, -51.2540



68.6860, -50.1070, -33.5550

Sweetspot

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



62.9560, -37.9760, 71.5280



200.7100, -12.8420, 23.4940



141.9590, -107.3750, -19.9110



95.2510, -7.4760, 14.3480



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.



62.9560, -37.9760, 71.5280



45.8140, -48.4790, 91.1770



92.5570, 21.0280, 92.5160



102.8520, -2.3390, 3.8450



31.7250, -33.2520, 63.0040



8.7610, -8.8520, 17.2600

Inverse Universe

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



104.5840, 69.1240, 90.9160



98.9310, 88.1010, 115.9490



161.4430, -21.0280, -92.5160



105.3150, 3.6670, 5.1310



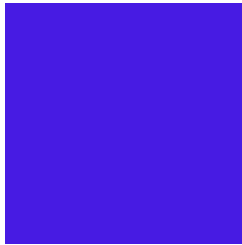
68.2420, 60.9190, 79.9190



18.6840, 16.4100, 21.9940

Previews

White Background



This preview shows how the YIQ color 62.9560, -37.9760, 71.5280 looks on a white background.

Color Contrast Check

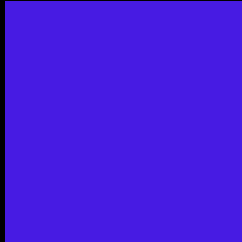
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.9560, -37.9760, 71.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

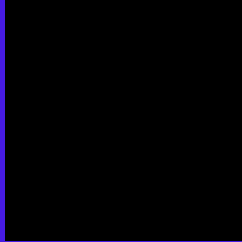
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.9560, -37.9760, 71.5280

Background



This preview shows how black text looks on a background with the YIQ color 62.9560, -37.9760, 71.5280.



This preview shows how white text looks on a background with the YIQ color 62.9560, -37.9760,

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

62.9560, -37.9760, 71.5280

Protanopia

62.0370, -71.3430, 9.9130

Tritanopia

61.5570, -53.4570, -16.8890

Trichromacy



Original Color

62.9560, -37.9760, 71.5280

Protanomaly

62.6820, -59.1970, 32.0910

Tritanomaly

62.0030, -47.6400, 15.3680

Monochromacy



Original Color

62.9560, -37.9760, 71.5280

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1060, -13.8970, 26.0950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.9560, -37.9760, 71.5280 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(71, 27, 227)` looks like.

```
.text, #text, p{  
    color:rgb(71, 27, 227)  
}
```

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(71, 27, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 27, 227) }
```

Border

The CSS property to change the border of an element to YIQ 62.9560, -37.9760, 71.5280 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(71, 27, 227) }
```

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

```
.border{ border-color:rgb(71, 27, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 27, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 27, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 27, 227);  
box-shadow:4px 4px 4px 4px rgb(71, 27,  
227) }
```


Background

The CSS property to change the background color of an element to YIQ 62.9560, -37.9760, 71.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 27, 227) }
```

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

```
.background{ background-color: rgb(71, 27,  
227) }
```

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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