

Converting Colors

YIQ(70.0000, -41.2760, 65.2520)

Have a look what the booklet for
YIQ(70.0000, -41.2760, 65.2520)
contains.

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Color

**YIQ(70.0000, -41.2760,
65.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	4727E3
RGB	71, 39, 227
RGB Percent	28%, 15%, 89%
CMY	0.7213, 0.8471, 0.1101
CMYK	0.69, 0.83, 0.00, 0.11
HSL	250°, 77%, 52%
HSV	250°, 83%, 89%
XYZ	17.1815, 8.3333, 73.3189
YIQ	70.0000, -41.2760, 65.2520

Conversions

Conversions Part 2

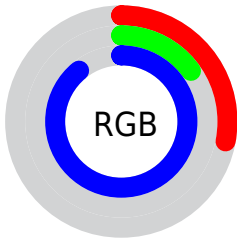
Format	Color
R_{YB}	71, 39, 227
Decimal	4663267
CIE _{Lab}	34.67, 64.32, -87.94
CIE _{LCh}	35, 108.951, 306.180
Yxy	8.3333, 0.1738, 0.0843
Android (android.graphics.Color)	4282853347 (0xFF4727E3)
YUV	70.0000, 77.4010, 0.8770
Hunter-Lab	28.8675, 55.7221, -130.3798

Details

The YIQ color **70.0000, -41.2760, 65.2520** 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 **196.0000, 41.2760, -65.2520**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.9340, -23.7150, 60.8690**, and **19.3800, -54.5700, 52.8700** is the 20% darker color. If you saturate the color by 10%, you get **50.8180, -46.2750, 73.2530**, and if you desaturate by 10%, it is **89.1820, -36.2770, 57.2510**.

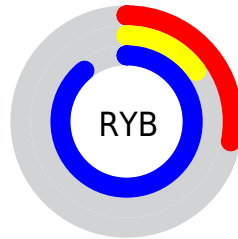
Distribution



 Red (28%)

 Green (15%)

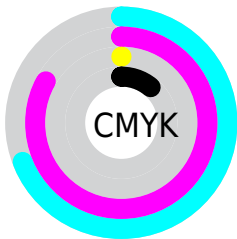
 Blue (89%)




 Red (28%)

 Yellow (15%)

 Blue (89%)

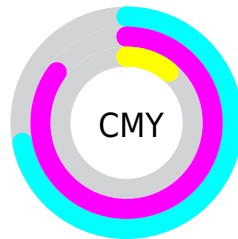


 Cyan (69%)

 Magenta (83%)

 Yellow (0%)

 Black (11%)



 Cyan (72%)

 Magenta (85%)

 Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.0000, -41.2760, 65.2520 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 70.0000, -41.2760, 65.2520 by changing the saturation by 10% instead.

■ 70.0000, -41.2760,
65.2520

■ 70.0000, -41.2760,
65.2520

■ 255.0000, -0.0000,
-0.0000

■ 30.5790, -56.2680,
61.6200

■ 124.9340,
-23.7150, 60.8690

■ 19.3800, -54.5700,
52.8700

■ 149.7640,
-11.7930, 54.0550

■ 16.1880, -45.5820,
44.1620

■ 174.8820, -0.7420,
46.5060

■ 13.2240, -37.2360,
36.0760

■ 200.8860, 10.6300,
38.6460

■ 17.8910, -32.4650,
21.1910

■ 223.3020, 14.8500,
28.2420

■ 11.5190, -22.7900,
16.5540

■ 239.7380, 7.1500,

■ 6.5490, -14.3070,

13.5980

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 70.0000, -41.2760,
65.2520

■ 70.0000, -41.2760,
65.2520

■ 50.8180, -46.2750,
73.2530

■ 89.1820, -36.2770,
57.2510

■ 37.5390, -49.6230,
78.8650

■ 107.7770,
-31.0030, 49.7730

■ 126.9590,
-26.0040, 41.7720

■ 145.8420,
-21.6010, 33.5590

■ 164.4370,
-16.3270, 26.0810

■ 183.6190,
-11.3280, 18.0800

■ 202.8010, -6.3290,
10.0790

■ 221.9830, -1.3300,
2.0780

■ 240.2790, 3.3480,
-5.6120

Harmonies

Analogous

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



83.6610, -107.4300, 30.6660



70.0000, -41.2760, 65.2520



74.0670, 63.2100, 87.9620

Triad

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



70.0000, -41.2760, 65.2520



70.4010, 79.6380, 10.4700



75.2690, -61.7540, -26.2180

Complementary

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



70.0000, -41.2760, 65.2520



196.0000, 41.2760, -65.2520

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.



62.2220, -29.1500, -55.4380



70.0000, -41.2760, 65.2520



75.0110, 26.6890, -26.6470

Square

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



70.0000, -41.2760, 65.2520



59.8000, 119.2000, 42.4000



59.2870, -27.7750, -52.8230



86.2470, -89.9100, -0.5180

Rectangle

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



70.0000, -41.2760, 65.2520



75.3430, 97.0030, 75.7470



59.2870, -27.7750, -52.8230



71.1480, -51.5280, -35.3360

Sweetspot

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



70.0000, -41.2760, 65.2520



201.5850, -13.9880, 22.2360



152.5910, -103.5230, -23.6430



95.5390, -8.3470, 13.6130



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.



70.0000, -41.2760, 65.2520



44.5850, -55.2640, 87.4880



97.8070, 14.1520, 84.9680



102.8520, -2.3390, 3.8450



29.0340, -38.6160, 61.0960



7.8640, -10.6400, 16.6240

Inverse Universe

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



112.9960, 61.9720, 88.3720



102.1740, 83.1030, 118.4230



168.1930, -14.1520, -84.9680



105.3150, 3.6670, 5.1310



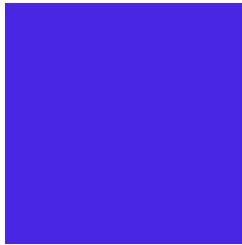
69.2680, 58.0300, 82.7180



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 70.0000, -41.2760, 65.2520 looks on a white background.

Color Contrast Check

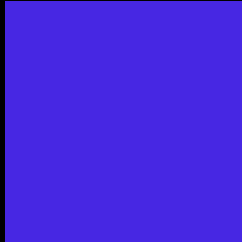
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.0000, -41.2760, 65.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

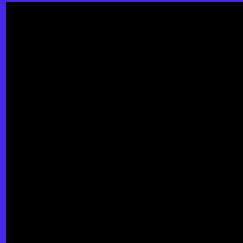
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.0000, -41.2760, 65.2520

Background



This preview shows how black text looks on a background with the YIQ color 70.0000, -41.2760, 65.2520.



This preview shows how white text looks on a background with the YIQ color 70.0000, -41.2760,

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

70.0000, -41.2760, 65.2520

Protanopia

64.5960, -74.4150, 10.5210

Deuteranopia

65.2680, -68.0400, -0.3920



Tritanopia

63.7740, -55.5660, -17.2140

Trichromacy



Original Color

70.0000, -41.2760, 65.2520

Protanomaly

66.7740, -62.4520, 30.5080

Deuteranomaly

67.2980, -58.4160, 23.4400

Tritanomaly

65.8670, -50.2530, 13.1630

Monochromacy



Original Color

70.0000, -41.2760, 65.2520

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0410, -15.2720, 23.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.0000, -41.2760, 65.2520 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, 39, 227)` looks like.

```
.text, #text, p{  
    color:rgb(71, 39, 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, 39, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 39, 227) }
```

Border

The CSS property to change the border of an element to YIQ 70.0000, -41.2760, 65.2520 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, 39, 227) }
```


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

```
.border{ border-color:rgb(71, 39, 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, 39, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 39, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 39, 227);  
box-shadow:4px 4px 4px 4px rgb(71, 39,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 70.0000, -41.2760, 65.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 39, 227) }
```

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

```
.background{ background-color: rgb(71, 39,  
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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