

Converting Colors

YIQ(47.3370, -42.7020, 91.1060)

Have a look what the booklet for
YIQ(47.3370, -42.7020, 91.1060)
contains.

YIQ(47.3370, -42.7020, 91.1060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(47.3370, -42.7020,
91.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	3F00FA
RGB	63, 0, 250
RGB Percent	25%, 0%, 98%
CMY	0.7526, 1.0000, 0.0200
CMYK	0.75, 1.00, 0.00, 0.02
HSL	255°, 100%, 49%
HSV	255°, 100%, 98%
XYZ	19.2957, 7.9556, 90.8850
YIQ	47.3370, -42.7020, 91.1060

Conversions

Conversions Part 2

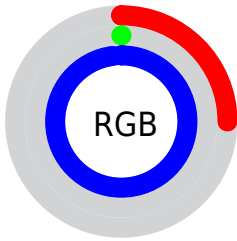
Format	Color
RYB	63, 0, 250
Decimal	4129018
CIELab	33.89, 78.82, -102.29
CIElCh	34, 129.135, 307.615
Yxy	7.9556, 0.1633, 0.0673
Android (android.graphics.Color)	4282319098 (0xFF3F00FA)
YUV	47.3370, 99.9129, 13.7365
Hunter-Lab	28.2058, 72.7525, -171.3010

Details

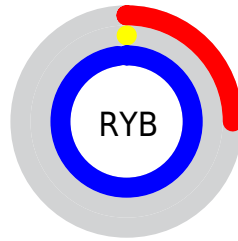
The YIQ color **47.3370, -42.7020, 91.1060** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **202.6630, 42.7020, -91.1060**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **114.6670, -18.1690, 70.4950**, and **21.8880, -61.6320, 59.7120** is the 20% darker color. If you saturate the color by 10%, you get **47.3370, -42.7020, 91.1060**, and if you desaturate by 10%, it is **67.6930, -38.2530, 82.0590**.

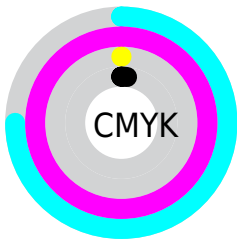
Distribution



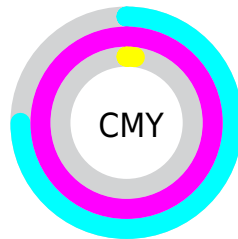
- Red (25%)
- Green (0%)
- Blue (98%)



- Red (25%)
- Yellow (0%)
- Blue (98%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (75%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.3370, -42.7020, 91.1060 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 47.3370, -42.7020, 91.1060 by changing the saturation by 10% instead.

■ 47.3370, -42.7020,
91.1060

■ 47.3370, -42.7020,
91.1060

■ 255.0000, -0.0000,
-0.0000

■ 25.0800, -70.6200,
68.4200

■ 114.6670,
-18.1690, 70.4950

■ 21.7740, -61.3110,
59.4010

■ 141.2690, -5.6050,
63.0590

■ 18.5820, -52.3230,
50.6930

■ 167.2730, 5.7670,
55.1990

■ 15.5040, -43.6560,
42.2960

■ 193.5760, 17.7350,
47.5510

■ 19.4700, -38.2890,
27.6230

■ 214.4970, 18.9750,
36.0870


■ 16.0330, -29.9890,
20.3710


■ 231.5200, 11.0000,


■ 10.3620, -20.9100,


20.9200


15.5220


 249.1300, 2.7500,
5.2300


 5.3920, -12.4270,
10.4610


 2.0690, -4.4480,
3.5200

 47.3370, -42.7020,
91.1060

 67.6930, -38.2530,
82.0590

 87.7500, -34.4000,
72.8000

 108.1060,
-29.9510, 63.7530

 128.4620,
-25.5020, 54.7060

■ 148.5190,
-21.6490, 45.4470

■ 168.8750,
-17.2000, 36.4000

■ 189.2310,
-12.7510, 27.3530

■ 209.5870, -8.3020,
18.3060

■ 229.6440, -4.4490,
9.0470

Harmonies

Analogous

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



84.2480, -107.7050, 30.1430



47.3370, -42.7020, 91.1060



80.5460, 72.2870, 94.1670

Triad

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



47.3370, -42.7020, 91.1060



64.2540, 84.7260, 17.3820



75.3660, -63.4050, -23.8290

Complementary

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



47.3370, -42.7020, 91.1060



202.6630, 42.7020, -91.1060

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



47.3370, -42.7020, 91.1060



72.6080, 20.4540, -29.2900

Square

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



47.3370, -42.7020, 91.1060



63.6870, 126.9480, 45.1560



59.2870, -27.7750, -52.8230



90.0430, -97.8430, 5.5890

Rectangle

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



47.3370, -42.7020, 91.1060



80.9810, 109.8860, 79.0540



59.2870, -27.7750, -52.8230



70.6750, -51.5740, -34.5020

Sweetspot

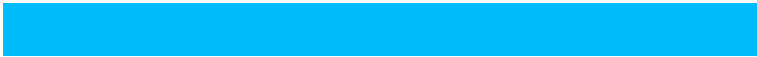
The Sweet Spot groups the original color and five complimentary colors.



47.3370, -42.7020, 91.1060



193.3450, -13.0720, 27.6640



138.2690, -131.6750, -20.0510



90.5330, -8.2100, 16.6380



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.



47.3370, -42.7020, 91.1060



48.2060, -43.7110, 92.8730



84.4130, 31.2020, 117.3940



114.6780, -1.7890, 4.8910



35.8980, -32.0610, 68.9550



11.4390, -10.6410, 22.1510

Inverse Universe

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



96.0680, 88.9730, 111.1570



98.0190, 90.6690, 113.4610



165.2880, -31.7980, -117.6060



117.0270, 4.5380, 5.8660



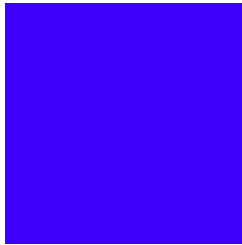
72.5850, 67.3830, 83.9190



23.4830, 21.5900, 27.2380

Previews

White Background



This preview shows how the YIQ color 47.3370, -42.7020, 91.1060 looks on a white background.

Color Contrast Check

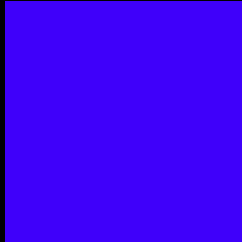
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3370, -42.7020, 91.1060 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 47.3370, -42.7020, 91.1060

Background



This preview shows how black text looks on a background with the YIQ color 47.3370, -42.7020, 91.1060.



This preview shows how white text looks on a background with the YIQ color 47.3370, -42.7020,

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

47.3370, -42.7020, 91.1060

Protanopia

64.3680, -73.7730, 9.8990

Deuteranopia

64.4530, -67.1230, -0.4910



Tritanopia

62.9590, -54.6490, -17.3130

Trichromacy



Original Color

47.3370, -42.7020, 91.1060

Protanomaly

58.4570, -62.6370, 39.3710

Deuteranomaly

58.3940, -58.3260, 32.8260

Tritanomaly

57.5500, -50.4380, 22.0260

Monochromacy



Original Color

47.3370, -42.7020, 91.1060

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2510, -15.5030, 33.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.3370, -42.7020, 91.1060 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(63, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(63, 0, 250)  
}
```

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(63, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 0, 250) }
```

Border

The CSS property to change the border of an element to YIQ 47.3370, -42.7020, 91.1060 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(63, 0, 250) }
```


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

```
.border{ border-color:rgb(63, 0, 250) }
```

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

Here you see how a box with a 4 pixel rgb(63, 0, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(63, 0, 250)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.3370, -42.7020, 91.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 0, 250) }
```

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

```
.background{ background-color: rgb(63, 0,  
250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor