

Converting Colors

YIQ(79.4920, -51.4090, 67.1750)

Have a look what the booklet for
YIQ(79.4920, -51.4090, 67.1750)
contains.

YIQ(79.4920, -51.4090, 67.1750)	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>	30

Color

**YIQ(79.4920, -51.4090,
67.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	4832FB
RGB	72, 50, 251
RGB Percent	28%, 20%, 98%
CMY	0.7174, 0.8040, 0.0160
CMYK	0.71, 0.80, 0.00, 0.02
HSL	247°, 96%, 59%
HSV	247°, 80%, 98%
XYZ	21.2142, 10.6192, 92.1226
YIQ	79.4920, -51.4090, 67.1750

Conversions

Conversions Part 2

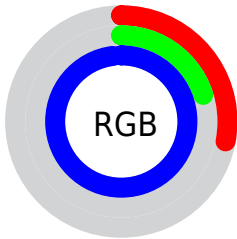
Format	Color
R _Y B	72, 50, 251
Decimal	4731643
CIE Lab	38.93, 66.52, -94.45
CIE LCh	39, 115.526, 305.157
Yxy	10.6192, 0.1711, 0.0857
Android (android.graphics.Color)	4282921723 (0xFF4832FB)
YUV	79.4920, 84.5534, -6.5705
Hunter-Lab	32.5871, 59.1763, -144.8000

Details

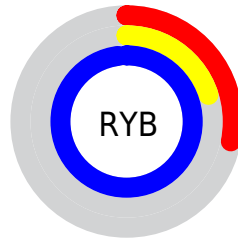
The YIQ color **79.4920, -51.4090, 67.1750** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **221.5080, 51.4090, -67.1750**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2990, -23.4850, 56.6990**, and **22.0020, -61.9530, 60.0230** is the 20% darker color. If you saturate the color by 10%, you get **58.2390, -57.6460, 75.5860**, and if you desaturate by 10%, it is **100.7450, -45.1720, 58.7640**.

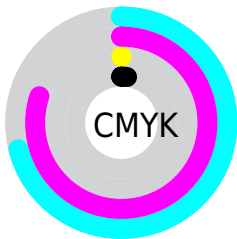
Distribution



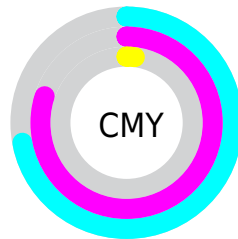
- Red (28%)
- Green (20%)
- Blue (98%)



- Red (28%)
- Yellow (20%)
- Blue (98%)



- Cyan (71%)
- Magenta (80%)
- Yellow (0%)
- Black (2%)



- Cyan (72%)
- Magenta (80%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4920, -51.4090, 67.1750 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 79.4920, -51.4090, 67.1750 by changing the saturation by 10% instead.

■ 79.4920, -51.4090,
67.1750

■ 79.4920, -51.4090,
67.1750

■ 255.0000, -0.0000,
-0.0000

■ 38.1080, -76.9910,
57.2250

■ 132.2990,
-23.4850, 56.6990

■ 22.0020, -61.9530,
60.0230

■ 158.0150,
-11.2420, 49.5740

■ 18.6960, -52.6440,
51.0040

■ 183.4320, 0.4050,
42.2370

■ 15.6180, -43.9770,
42.6070

■ 209.4360, 11.7770,
34.3770

■ 16.0620, -36.9600,
31.0720

■ 229.7590, 11.8250,
22.4890

■ 16.7340, -30.5850,
20.1590

■ 246.7820, 3.8500,

■ 10.4760, -21.2310,

7.3220

15.8330

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,
4.1420

■ 79.4920, -51.4090,
67.1750

■ 79.4920, -51.4090,
67.1750

■ 58.2390, -57.6460,
75.5860

■ 100.7450,
-45.1720, 58.7640

■ 36.9860, -63.8830,
83.9970

■ 122.2970,
-38.3390, 50.5650

■ 143.5500,
-32.1020, 42.1540

■ 164.8030,
-25.8650, 33.7430

■ 186.3550,
-19.0320, 25.5440

■ 208.1950,
-13.0700, 16.6100

■ 229.4480, -6.8330,
8.1990

■ 251.0000, 0.0000,
-0.0000

■ 254.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



90.7050, -110.7300, 24.3900



79.4920, -51.4090, 67.1750



81.3160, 67.2430, 97.4750

Triad

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



79.4920, -51.4090, 67.1750



78.7180, 88.9910, 11.6710



83.2250, -67.6220, -30.0060

Complementary

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



79.4920, -51.4090, 67.1750



221.5080, 51.4090, -67.1750

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.



69.8530, -32.7250, -62.2370



79.4920, -51.4090, 67.1750



85.0670, 32.2830, -28.9090

Square

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



79.4920, -51.4090, 67.1750



66.3780, 132.3120, 47.0640



65.7440, -30.8000, -58.5760



95.7020, -98.6210, -2.3410

Rectangle

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



79.4920, -51.4090, 67.1750



83.0330, 104.1080, 84.6520



65.7440, -30.8000, -58.5760



78.7620, -56.4330, -40.0570

Sweetspot

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



79.4920, -51.4090, 67.1750



203.0470, -15.4090, 20.4550



179.1610, -114.2960, -32.1520



96.4140, -9.4930, 12.3550



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.



79.4920, -51.4090, 67.1750



46.0030, -62.5530, 81.9190



109.0930, 7.5950, 88.1630



114.0800, -2.9810, 4.4670



27.8250, -48.1530, 63.2310



9.0470, -15.4090, 20.4550

Inverse Universe

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



130.5050, 62.3370, 98.2810



108.1070, 76.0420, 119.7380



191.9070, -7.5950, -88.1630



117.2550, 3.8960, 6.4880



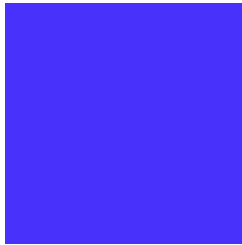
75.6630, 58.7160, 92.3160



24.3950, 19.0220, 29.7260

Previews

White Background



This preview shows how the YIQ color 79.4920, -51.4090, 67.1750 looks on a white background.

Color Contrast Check

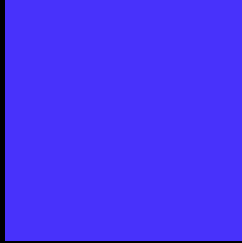
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.4920, -51.4090, 67.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

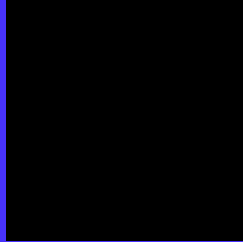
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.4920, -51.4090, 67.1750

Background



This preview shows how black text looks on a background with the YIQ color 79.4920, -51.4090, 67.1750.



This preview shows how white text looks on a background with the YIQ color 79.4920, -51.4090,

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



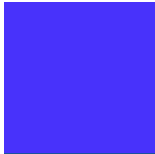
Original Color

79.4920, -51.4090, 67.1750

Tritanopia

71.4850, -62.1220, -19.5460

Trichromacy



Original Color

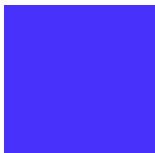
79.4920, -51.4090, 67.1750



Tritanomaly

74.0340, -58.0930, 12.0750

Monochromacy



Original Color

79.4920, -51.4090, 67.1750



Achromatopsia

79.0000, -0.0000, 0.0000



Achromatomaly

78.8280, -18.9860, 24.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4920, -51.4090, 67.1750 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(72, 50, 251)` looks like.

```
.text, #text, p{  
    color:rgb(72, 50, 251)  
}
```

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(72, 50, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 50, 251) }
```

Border

The CSS property to change the border of an element to YIQ 79.4920, -51.4090, 67.1750 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(72, 50, 251) }
```

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

```
.border{ border-color:rgb(72, 50, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 50, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 50, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 50, 251);  
box-shadow:4px 4px 4px 4px rgb(72, 50,  
251) }
```


Background

The CSS property to change the background color of an element to YIQ 79.4920, -51.4090, 67.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 50, 251) }
```

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

```
.background{ background-color: rgb(72, 50,  
251) }
```

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