

Converting Colors

YIQ(78.5910, -47.3740, 65.6340)

Have a look what the booklet for
YIQ(78.5910, -47.3740, 65.6340)
contains.

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Color

**YIQ(78.5910, -47.3740,
65.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	4A31F3
RGB	74, 49, 243
RGB Percent	29%, 19%, 95%
CMY	0.7096, 0.8079, 0.0474
CMYK	0.70, 0.80, 0.00, 0.05
HSL	248°, 89%, 57%
HSV	248°, 80%, 95%
XYZ	20.0901, 10.1193, 85.6201
YIQ	78.5910, -47.3740, 65.6340

Conversions

Conversions Part 2

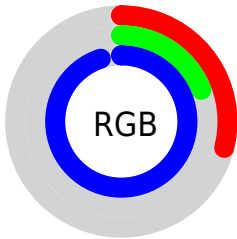
Format	Color
R _Y B	74, 49, 243
Decimal	4862451
CIE Lab	38.06, 64.84, -91.40
CIE LCh	38, 112.066, 305.353
Yxy	10.1193, 0.1734, 0.0874
Android (android.graphics.Color)	4283052531 (0xFF4A31F3)
YUV	78.5910, 81.0536, -4.0263
Hunter-Lab	31.8109, 57.0624, -137.3135

Details

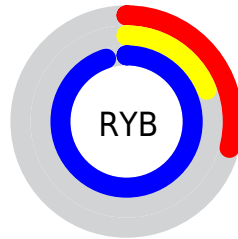
The YIQ color **78.5910, -47.3740, 65.6340** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **213.4090, 47.3740, -65.6340**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.7120, -23.2100, 57.2220**, and **21.0900, -59.3850, 57.5350** is the 20% darker color. If you saturate the color by 10%, you get **58.2240, -53.2900, 73.7340**, and if you desaturate by 10%, it is **98.9580, -41.4580, 57.5340**.

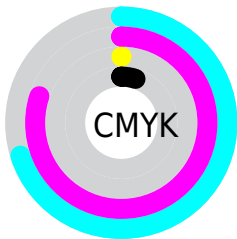
Distribution



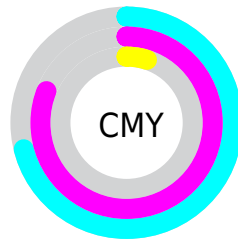
- Red (29%)
- Green (19%)
- Blue (95%)



- Red (29%)
- Yellow (19%)
- Blue (95%)



- Cyan (70%)
- Magenta (80%)
- Yellow (0%)
- Black (5%)



- Cyan (71%)
- Magenta (81%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.5910, -47.3740, 65.6340 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 78.5910, -47.3740, 65.6340 by changing the saturation by 10% instead.

■ 78.5910, -47.3740,
65.6340

■ 78.5910, -47.3740,
65.6340

■ 255.0000, -0.0000,
-0.0000

■ 41.5070, -64.9330,
58.9630

■ 131.7120,
-23.2100, 57.2220

■ 21.0900, -59.3850,
57.5350

■ 157.1290,
-11.5630, 49.8850

■ 17.8980, -50.3970,
48.8270

■ 182.5460, 0.0840,
42.5480

■ 14.8200, -41.7300,
40.4300

■ 207.9630, 11.7310,
35.2110

■ 15.9650, -35.3090,
28.6830

■ 229.1720, 12.1000,
23.0120

■ 14.7620, -27.7880,
19.0280

■ 245.6080, 4.4000,

■ 9.2050, -19.0300,

8.3680

14.4900

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 78.5910, -47.3740,
65.6340

■ 78.5910, -47.3740,
65.6340

■ 58.2240, -53.2900,
73.7340

■ 98.9580, -41.4580,
57.5340

■ 37.2700, -58.9310,
82.3570

■ 119.9120,
-35.8170, 48.9110

■ 36.9710, -59.5270,
82.1450

■ 140.5780,
-29.3050, 41.0230

■ 160.9450,
-23.3890, 32.9230

■ 181.3120,
-17.4730, 24.8230

■ 202.2660,
-11.8320, 16.2000

■ 222.6330, -5.9160,
8.1000

■ 243.0000, 0.0000,
-0.0000

■ 253.6320, 3.8520,
-3.7320

Harmonies

Analogous

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



88.9440, -109.9050, 25.9590



78.5910, -47.3740, 65.6340



79.2510, 65.8680, 94.8600

Triad

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



78.5910, -47.3740, 65.6340



77.2230, 86.0110, 10.6110



81.8230, -66.4300, -29.5820

Complementary

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



78.5910, -47.3740, 65.6340



213.4090, 47.3740, -65.6340

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.



68.0920, -31.9000, -60.6680



78.5910, -47.3740, 65.6340



83.2950, 31.6410, -28.2870

Square

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



78.5910, -47.3740, 65.6340



64.5840, 128.7360, 45.7920



64.5700, -30.2500, -57.5300



93.2570, -95.8700, -2.6380

Rectangle

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



78.5910, -47.3740, 65.6340



80.7830, 101.8160, 82.1360



64.5700, -30.2500, -57.5300



77.5880, -55.8830, -39.0110

Sweetspot

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



78.5910, -47.3740, 65.6340



203.3460, -14.8130, 20.6670



171.4930, -109.2990, -29.0990



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.



78.5910, -47.3740, 65.6340



47.4980, -59.5730, 82.9790



106.9960, 9.2460, 85.7740



111.9660, -2.6600, 4.1560



28.3800, -45.4020, 62.9340



9.1180, -14.1710, 20.0450

Inverse Universe

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



126.2720, 61.3750, 93.6870



107.5370, 77.6470, 118.1830



185.0040, -9.2460, -85.7740



114.8420, 3.6210, 5.9650



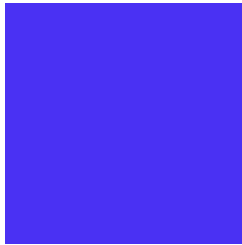
74.0820, 58.8540, 89.8140



23.4550, 18.7930, 28.3690

Previews

White Background



This preview shows how the YIQ color 78.5910, -47.3740, 65.6340 looks on a white background.

Color Contrast Check

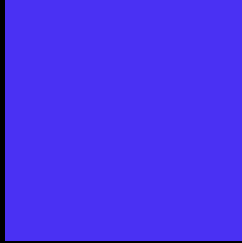
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.5910, -47.3740, 65.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

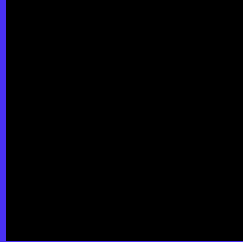
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.5910, -47.3740, 65.6340

Background



This preview shows how black text looks on a background with the YIQ color 78.5910, -47.3740, 65.6340.



This preview shows how white text looks on a background with the YIQ color 78.5910, -47.3740,

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

78.5910, -47.3740, 65.6340

Protanopia

71.0020, -81.4300, 11.0020

Deuteranopia

71.4460, -74.4130, -0.5330



Tritanopia

70.0830, -60.9300, -19.1220

Trichromacy



Original Color

78.5910, -47.3740, 65.6340

Protanomaly

74.0660, -69.1460, 30.6780

Deuteranomaly

73.8890, -64.5140, 23.8220

Tritanomaly

73.2900, -55.9380, 11.5660

Monochromacy



Original Color

78.5910, -47.3740, 65.6340

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.7850, -17.4270, 23.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.5910, -47.3740, 65.6340 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(74, 49, 243)` looks like.

```
.text, #text, p{  
    color:rgb(74, 49, 243)  
}
```

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(74, 49, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 49, 243) }
```

Border

The CSS property to change the border of an element to YIQ 78.5910, -47.3740, 65.6340 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(74, 49, 243) }
```


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

```
.border{ border-color:rgb(74, 49, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 49, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 49, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 49, 243);  
box-shadow:4px 4px 4px 4px rgb(74, 49,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 78.5910, -47.3740, 65.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 49, 243) }
```

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

```
.background{ background-color: rgb(74, 49,  
243) }
```

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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