

Converting Colors

YIQ(81.0250, -18.3430, 18.5610)

Have a look what the booklet for
YIQ(81.0250, -18.3430, 18.5610)
contains.

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Color

**YIQ(81.0250, -18.3430,
18.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4A85
RGB	75, 74, 133
RGB Percent	29%, 29%, 52%
CMY	0.7058, 0.7098, 0.4785
CMYK	0.44, 0.44, 0.00, 0.48
HSL	241°, 28%, 41%
HSV	241°, 44%, 52%
XYZ	9.5827, 8.0864, 23.2351
YIQ	81.0250, -18.3430, 18.5610

Conversions

Conversions Part 2

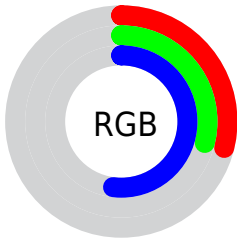
Format	Color
R _Y B	75, 74, 133
Decimal	4934277
CIE Lab	34.16, 16.50, -33.03
CIE LCh	34, 36.920, 296.540
Yxy	8.0864, 0.2343, 0.1977
Android (android.graphics.Color)	4283124357 (0xFF4B4A85)
YUV	81.0250, 25.6237, -5.2839
Hunter-Lab	28.4366, 10.3880, -28.5394

Details

The YIQ color **81.0250, -18.3430, 18.5610** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **125.9750, 18.3430, -18.5610**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4920, -18.1600, 20.7520**, and **33.9490, -21.1850, 14.9990** is the 20% darker color. If you saturate the color by 10%, you get **69.5070, -22.5160, 22.6040**, and if you desaturate by 10%, it is **92.5430, -14.1700, 14.5180**.

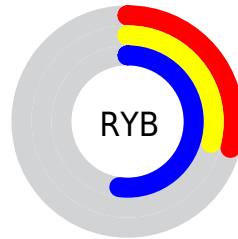
Distribution



Red (29%)

Green (29%)

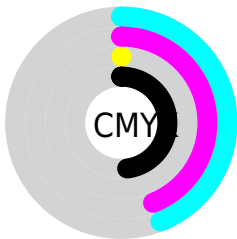
Blue (52%)



Red (29%)

Yellow (29%)

Blue (52%)

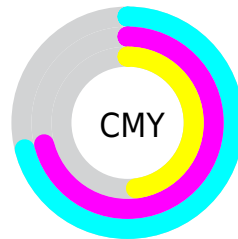


Cyan (44%)

Magenta (44%)

Yellow (0%)

Black (48%)



Cyan (71%)

Magenta (71%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.0250, -18.3430, 18.5610 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 81.0250, -18.3430, 18.5610 by changing the saturation by 10% instead.

■ 81.0250, -18.3430,
18.5610

■ 81.0250, -18.3430,
18.5610

■ 255.0000, -0.0000,
-0.0000

■ 57.0850, -18.5720,
17.2040

■ 131.4920,
-18.1600, 20.7520

■ 33.9490, -21.1850,
14.9990

■ 157.3180,
-17.6100, 21.7980

■ 10.8350, -20.8640,
14.6880

■ 184.5460,
-18.2520, 22.4200

■ 5.3920, -12.4270,
10.4610

■ 210.1350,
-12.8410, 17.9670

■ 2.1830, -4.7690,
3.8310

■ 235.8290, -3.5320,
8.9480

■ 0.0000, 0.0000,
0.0000

81.0250, -18.3430,
18.5610

81.0250, -18.3430,
18.5610

69.5070, -22.5160,
22.6040

92.5430, -14.1700,
14.5180

57.4020, -26.4140,
27.1700

104.6480,
-10.2720, 9.9520

45.8840, -30.5870,
31.2130

116.1660, -6.0990,
5.9090

34.3660, -34.7600,
35.2560

127.6840, -1.9260,
1.8660

22.8480, -38.9330,
39.2990

139.2020, 2.2470,
-2.1770

15.7600, -41.5010,
41.7870

151.3070, 6.1450,
-6.7430

162.8250, 10.3180,
-10.7860

174.6420, 15.0870,

-14.6170

■ 186.7470, 18.9850,
-19.1830

Harmonies

Analogous

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



65.7410, -67.9940, -1.2260



81.0250, -18.3430, 18.5610



83.0630, 14.0250, 26.6730

Triad

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



81.0250, -18.3430, 18.5610



78.4550, 44.0150, 0.7750



63.8420, -50.2460, -25.5260

Complementary

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



81.0250, -18.3430, 18.5610



125.9750, 18.3430, -18.5610

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.



68.2180, -22.1860, -27.4500



81.0250, -18.3430, 18.5610



77.3250, 32.0970, -14.5190

Square

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



81.0250, -18.3430, 18.5610



79.0230, 45.8920, 16.3240



74.1480, 10.3660, -22.6740



67.2620, -59.8760, -16.1960

Rectangle

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



81.0250, -18.3430, 18.5610



81.0880, 30.0720, 27.7040



74.1480, 10.3660, -22.6740



62.7020, -47.0360, -28.6360

Sweetspot

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



81.0250, -18.3430, 18.5610



153.5080, -7.0620, 6.8420



114.7720, -34.8890, -11.9850



74.5960, -4.4940, 4.3540



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0250, -18.3430, 18.5610



92.0860, -28.3400, 29.0360



89.6960, -1.0590, 24.7090



60.6840, -1.9260, 1.8660



15.4180, -40.5380, 40.8540



0.3420, -0.9630, 0.9330

Inverse Universe

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



98.2530, 16.5460, 30.5460



118.8820, 25.6210, 47.8050



117.3040, 1.0590, -24.7090



62.4780, 1.6500, 3.1380



53.4620, 36.3920, 67.3680



1.2390, 0.8250, 1.5690

Previews

White Background



This preview shows how the YIQ color 81.0250, -18.3430, 18.5610 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 81.0250, -18.3430, 18.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

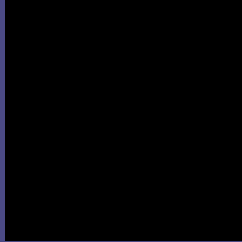
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.0250, -18.3430, 18.5610

Background



This preview shows how black text looks on a background with the YIQ color 81.0250, -18.3430, 18.5610.



This preview shows how white text looks on a background with the YIQ color 81.0250, -18.3430,

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

81.0250, -18.3430, 18.5610

Protanopia

77.8490, -32.6470, 13.4730

Deuteranopia

76.8330, -35.7180, 8.5540



Tritanopia

78.7040, -13.8460, -2.3740

Trichromacy



Original Color

81.0250, -18.3430, 18.5610

Protanomaly

79.2410, -27.8790, 15.1690

Deuteranomaly

78.1760, -29.2540, 12.5540

Tritanomaly

79.3760, -15.4980, 5.5420

Monochromacy



Original Color

81.0250, -18.3430, 18.5610

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.8070, -6.4660, 7.0540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.0250, -18.3430, 18.5610 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(75, 74, 133)` looks like.

```
.text, #text, p{  
    color:rgb(75, 74, 133)  
}
```

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(75, 74, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 74, 133) }
```

Border

The CSS property to change the border of an element to YIQ 81.0250, -18.3430, 18.5610 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(75, 74, 133) }
```


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

```
.border{ border-color:rgb(75, 74, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 74, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 74, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 74, 133);  
box-shadow:4px 4px 4px 4px rgb(75, 74,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 81.0250, -18.3430, 18.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 74, 133) }
```

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

```
.background{ background-color: rgb(75, 74,  
133) }
```

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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