

Converting Colors

YIQ(74.7350, -5.9630, 14.4610)

Have a look what the booklet for
YIQ(74.7350, -5.9630, 14.4610)
contains.

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Color

**YIQ(74.7350, -5.9630,
14.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	4E436A
RGB	78, 67, 106
RGB Percent	31%, 26%, 42%
CMY	0.6941, 0.7373, 0.5844
CMYK	0.26, 0.37, 0.00, 0.58
HSL	257°, 23%, 34%
HSV	257°, 37%, 42%
XYZ	7.7506, 6.6743, 14.5117
YIQ	74.7350, -5.9630, 14.4610

Conversions

Conversions Part 2

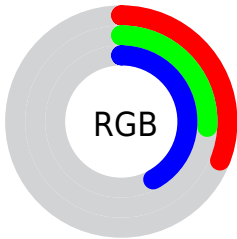
Format	Color
R_{YB}	78, 67, 106
Decimal	5129066
CIE Lab	31.05, 14.00, -21.03
CIE LCh	31, 25.269, 303.656
Yxy	6.6743, 0.2678, 0.2307
Android (android.graphics.Color)	4283319146 (0xFF4E436A)
YUV	74.7350, 15.4136, 2.8634
Hunter-Lab	25.8347, 8.3406, -15.2196

Details

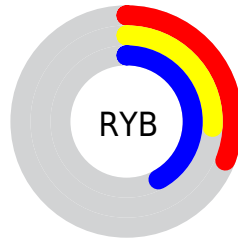
The YIQ color **74.7350, -5.9630, 14.4610** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **98.2650, 5.9630, -14.4610**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.6750, -5.7340, 15.8180**, and **30.2680, -6.1460, 12.2700** is the 20% darker color. If you saturate the color by 10%, you get **65.8860, -7.7060, 18.5180**, and if you desaturate by 10%, it is **83.5840, -4.2200, 10.4040**.

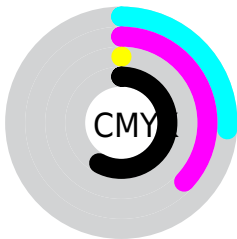
Distribution



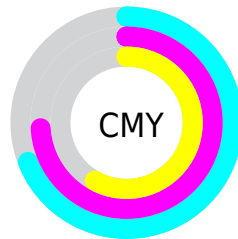
- Red (31%)
- Green (26%)
- Blue (42%)



- Red (31%)
- Yellow (26%)
- Blue (42%)



- Cyan (26%)
- Magenta (37%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (74%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.7350, -5.9630, 14.4610 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 74.7350, -5.9630, 14.4610 by changing the saturation by 10% instead.

■ 74.7350, -5.9630,
14.4610

■ 74.7350, -5.9630,
14.4610

■ 255.0000, -0.0000,
-0.0000

■ 51.9090, -6.5130,
13.4150

■ 123.6750, -5.7340,
15.8180

■ 30.2680, -6.1460,
12.2700

■ 149.7890, -6.0550,
16.1290

■ 8.1050, -4.1290,
14.2630

■ 176.3160, -6.1010,
16.9630

■ 2.0690, -4.4480,
3.5200

■ 203.8430, -6.1470,
17.7970

■ 0.0000, 0.0000,
0.0000

■ 230.2470, -1.6530,
13.4430

■ 252.6520, 1.1000,

2.0920

■ 74.7350, -5.9630,
14.4610

■ 74.7350, -5.9630,
14.4610

■ 65.8860, -7.7060,
18.5180

■ 83.5840, -4.2200,
10.4040

■ 57.9230, -9.1280,
22.2640

■ 91.5470, -2.7980,
6.6580

■ 49.0740, -10.8710,
26.3210

■ 100.3960, -1.0550,
2.6010

■ 41.1110, -12.2930,
30.0670

■ 108.3590, 0.3670,
-1.1450

■ 32.2620, -14.0360,
34.1240

■ 117.2080, 2.1100,
-5.2020

■ 23.4130, -15.7790,
38.1810

■ 126.0570, 3.8530,
-9.2590

■ 21.0540, -16.1460,
39.3260

■ 134.0200, 5.2750,
-13.0050

■ 142.8690, 7.0180,
-17.0620

■ 150.8320, 8.4400,
-20.8080

Harmonies

Analogous

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



69.6610, -29.4820, 5.6700



74.7350, -5.9630, 14.4610



75.4940, 13.8890, 18.1210

Triad

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



74.7350, -5.9630, 14.4610



72.6750, 28.6560, -1.7120



57.2710, -46.9000, -20.0840

Complementary

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



74.7350, -5.9630, 14.4610



98.2650, 5.9630, -14.4610

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.



65.4670, -18.1530, -17.9370



74.7350, -5.9630, 14.4610



71.4300, 18.8000, -10.3200

Square

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



74.7350, -5.9630, 14.4610



73.1520, 32.0470, 8.4230



68.7700, 2.9830, -15.5210



59.4370, -52.9990, -14.1750

Rectangle

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



74.7350, -5.9630, 14.4610



74.6430, 23.6550, 17.3430



68.7700, 2.9830, -15.5210



59.4630, -38.6930, -20.1410

Sweetspot

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



74.7350, -5.9630, 14.4610



125.9060, -2.4310, 5.5130



88.4690, -20.4940, -3.0380



61.6240, -1.6970, 3.2230



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



74.7350, -5.9630, 14.4610



89.0370, -9.4490, 22.5750



80.4160, 5.3610, 18.4890



49.2820, -0.7340, 2.2900



23.2050, -17.8890, 43.3830



48.5610, -37.5210, 90.8230

Inverse Universe

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



81.8530, 14.2560, 16.9760



100.2550, 22.2320, 26.6160



92.5840, -5.3610, -18.4890



50.2500, 2.2920, 2.5160



44.5590, 42.7680, 50.9280



93.3190, 89.5240, 106.6760

Previews

White Background



This preview shows how the YIQ color 74.7350, -5.9630, 14.4610 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 74.7350, -5.9630, 14.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

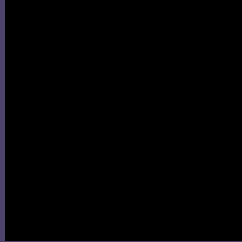
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.7350, -5.9630, 14.4610

Background



This preview shows how black text looks on a background with the YIQ color 74.7350, -5.9630, 14.4610.



This preview shows how white text looks on a background with the YIQ color 74.7350, -5.9630,

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

74.7350, -5.9630, 14.4610

Protanopia

72.7440, -19.3500, 9.2740

Deuteranopia

73.0600, -17.4240, 7.4080



Tritanopia

73.5700, -1.6050, 1.5550

Trichromacy



Original Color

74.7350, -5.9630, 14.4610

Protanomaly

73.5490, -14.3070, 11.4930

Deuteranomaly

73.6800, -13.2980, 9.7260

Tritanomaly

74.1340, -3.0730, 6.1350

Monochromacy



Original Color

74.7350, -5.9630, 14.4610

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.7920, -2.1100, 5.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7350, -5.9630, 14.4610 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(78, 67, 106)` looks like.

```
.text, #text, p{  
    color:rgb(78, 67, 106)  
}
```

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(78, 67, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 67, 106) }
```

Border

The CSS property to change the border of an element to YIQ 74.7350, -5.9630, 14.4610 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(78, 67, 106) }
```


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

```
.border{ border-color:rgb(78, 67, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 67, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 67, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 67, 106);  
box-shadow:4px 4px 4px 4px rgb(78, 67,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 74.7350, -5.9630, 14.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 67, 106) }
```

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

```
.background{ background-color: rgb(78, 67,  
106) }
```

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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