

Converting Colors

YIQ(78.5670, -14.7180, 2.4180)

Have a look what the booklet for
YIQ(78.5670, -14.7180, 2.4180)
contains.

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Color

**YIQ(78.5670, -14.7180,
2.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	425163
RGB	66, 81, 99
RGB Percent	26%, 32%, 39%
CMY	0.7412, 0.6823, 0.6118
CMYK	0.33, 0.18, 0.00, 0.61
HSL	213°, 20%, 32%
HSV	213°, 33%, 39%
XYZ	7.4405, 7.9443, 12.9410
YIQ	78.5670, -14.7180, 2.4180

Conversions

Conversions Part 2

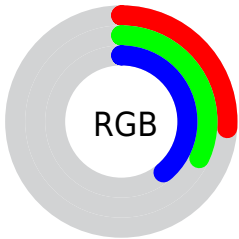
Format	Color
RYB	66, 76, 99
Decimal	4346211
CIELab	33.87, -1.05, -12.36
CIELCh	34, 12.401, 265.132
Yxy	7.9443, 0.2627, 0.2805
Android (android.graphics.Color)	4282536291 (0xFF425163)
YUV	78.5670, 10.0735, -11.0213
Hunter-Lab	28.1857, -2.2043, -7.4921

Details

The YIQ color **78.5670, -14.7180, 2.4180** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.4330, 14.7180, -2.4180**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.7950, -15.3600, 3.0400**, and **33.9260, -14.3510, 1.2730** is the 20% darker color. If you saturate the color by 10%, you get **72.6420, -19.3030, 2.9130**, and if you desaturate by 10%, it is **84.4920, -10.1330, 1.9230**.

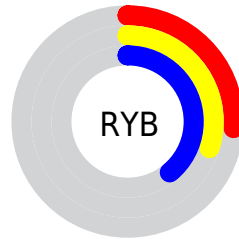
Distribution



Red (26%)

Green (32%)

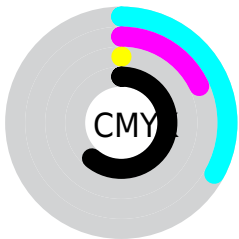
Blue (39%)



Red (26%)

Yellow (30%)

Blue (39%)

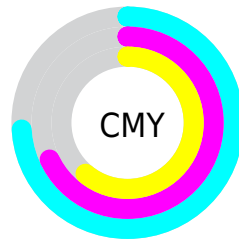


Cyan (33%)

Magenta (18%)

Yellow (0%)

Black (61%)



Cyan (74%)

Magenta (68%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.5670, -14.7180, 2.4180 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 78.5670, -14.7180, 2.4180 by changing the saturation by 10% instead.

■ 78.5670, -14.7180,
2.4180

■ 78.5670, -14.7180,
2.4180

■ 255.0000, -0.0000,
-0.0000

■ 55.4530, -14.3970,
2.1070

■ 127.7950,
-15.3600, 3.0400

■ 33.9260, -14.3510,
1.2730

■ 153.7950,
-15.3600, 3.0400

■ 12.3390, -14.0760,
1.7960

■ 180.6100,
-16.2770, 3.1390

■ 0.4560, -1.2840,
1.2440

■ 208.6100,
-16.2770, 3.1390

■ 0.0000, 0.0000,
0.0000

■ 236.0400,
-14.6720, 1.5840

■ 253.8040, -2.3840,

-0.8480

■ 78.5670, -14.7180,
2.4180

■ 78.5670, -14.7180,
2.4180

■ 72.6420, -19.3030,
2.9130

■ 84.4920, -10.1330,
1.9230

■ 66.1300, -23.6130,
3.9310

■ 91.0040, -5.8230,
0.9050

■ 60.2050, -28.1980,
4.4260

■ 96.9290, -1.2380,
0.4100

■ 53.6930, -32.5080,
5.4440

■ 103.4410, 3.0720,
-0.6080

■ 48.0670, -36.4970,
6.1510

■ 109.0670, 7.0610,
-1.3150

■ 42.1420, -41.0820,
6.6460

■ 114.9920, 11.6460,
-1.8100

■ 37.7010, -44.1540,
7.2540

■ 121.5040, 15.9560,
-2.8280

■ 127.4290, 20.5410,
-3.3230

■ 133.9410, 24.8510,
-4.3410

Harmonies

Analogous

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



76.5830, -20.8150, -2.7270



78.5670, -14.7180, 2.4180



80.4650, -5.5030, 6.1210

Triad

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



78.5670, -14.7180, 2.4180



80.9590, 16.4130, 5.4130



77.0930, -4.9960, -8.5800

Complementary

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



78.5670, -14.7180, 2.4180



86.4330, 14.7180, -2.4180

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.



78.5240, 4.0360, -7.0680



78.5670, -14.7180, 2.4180



80.0250, 16.0470, 1.0310

Square

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



78.5670, -14.7180, 2.4180



81.5010, 12.0110, 8.0990



79.2370, 12.3340, -3.2660



75.8300, -14.4410, -8.1130

Rectangle

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



78.5670, -14.7180, 2.4180



81.3410, 0.7780, 7.9300



79.2370, 12.3340, -3.2660



77.4740, -1.6950, -7.8310

Sweetspot

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



78.5670, -14.7180, 2.4180



120.0040, -5.8230, 0.9050



87.4230, -14.8530, -11.6610



59.2600, -3.6680, 0.3960



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



78.5670, -14.7180, 2.4180



96.3150, -22.6960, 3.8320



70.0610, -9.9970, 10.4750



45.6300, -1.8340, 0.1980



42.7050, -49.9770, 8.1590



91.3430, -107.0150, 17.6330

Inverse Universe

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



77.5770, 14.8530, 11.6610



94.8710, 23.0130, 17.9650



94.9390, 9.9970, -10.4750



45.4240, 1.7420, 1.4700



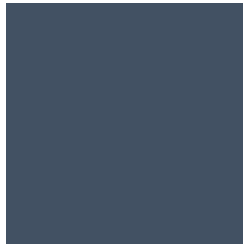
39.3020, 50.3810, 39.6050



84.1860, 108.0510, 84.7790

Previews

White Background



This preview shows how the YIQ color 78.5670, -14.7180, 2.4180 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

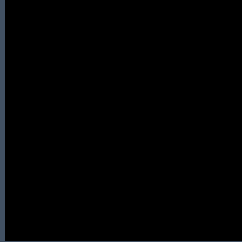
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

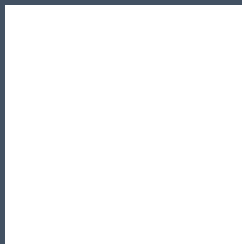
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 78.5670, -14.7180, 2.4180

Background



This preview shows how black text looks on a background with the YIQ color 78.5670, -14.7180, 2.4180.

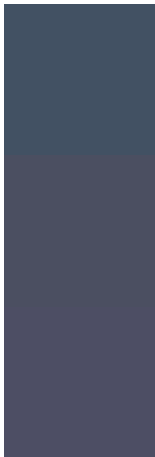


This preview shows how white text looks on a background with the YIQ color 78.5670, -14.7180,

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

78.5670, -14.7180, 2.4180

Protanopia

79.8560, -8.1620, 4.7500

Deuteranopia

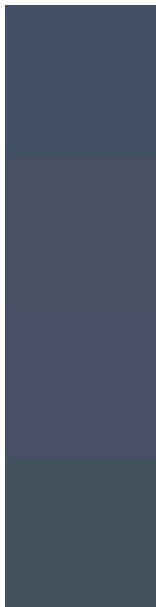
80.2090, -7.6580, 6.6300



Tritanopia

78.0030, -13.2500, -2.1620

Trichromacy



Original Color

78.5670, -14.7180, 2.4180

Protanomaly

79.6600, -10.5460, 3.9020

Deuteranomaly

79.6000, -10.3170, 5.2590

Tritanomaly

78.1710, -13.6630, -0.1830

Monochromacy



Original Color

78.5670, -14.7180, 2.4180

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.8900, -5.5020, 0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.5670, -14.7180, 2.4180 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(66, 81, 99)` looks like.

```
.text, #text, p{  
    color:rgb(66, 81, 99)  
}
```

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(66, 81, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 81, 99) }
```

Border

The CSS property to change the border of an element to YIQ 78.5670, -14.7180, 2.4180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

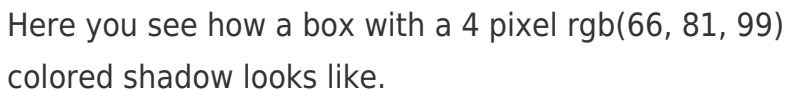
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(66, 81, 99) }
```


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

```
.border{ border-color:rgb(66, 81, 99) }
```

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



Here you see how a box with a 4 pixel `rgb(66, 81, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 81, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 81, 99);  
box-shadow:4px 4px 4px 4px rgb(66, 81, 99)  
}
```

Background

The CSS property to change the background color of an element to YIQ 78.5670, -14.7180, 2.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 81, 99) }
```

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

```
.background{ background-color: rgb(66, 81,  
99) }
```

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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