

Converting Colors

YIQ(83.4470, -14.2600, 5.1320)

Have a look what the booklet for
YIQ(83.4470, -14.2600, 5.1320)
contains.

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Color

**YIQ(83.4470, -14.2600,
5.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	49546C
RGB	73, 84, 108
RGB Percent	29%, 33%, 42%
CMY	0.7137, 0.6706, 0.5765
CMYK	0.32, 0.22, 0.00, 0.58
HSL	221°, 19%, 35%
HSV	221°, 32%, 42%
XYZ	8.6239, 8.8400, 15.4338
YIQ	83.4470, -14.2600, 5.1320

Conversions

Conversions Part 2

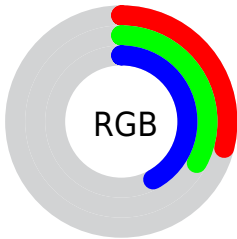
Format	Color
R_{YB}	73, 81, 108
Decimal	4805740
CIE Lab	35.67, 1.94, -15.19
CIE LCh	36, 15.310, 277.287
Yxy	8.8400, 0.2621, 0.2687
Android (android.graphics.Color)	4282995820 (0xFF49546C)
YUV	83.4470, 12.1046, -9.1620
Hunter-Lab	29.7322, -0.2571, -9.9645

Details

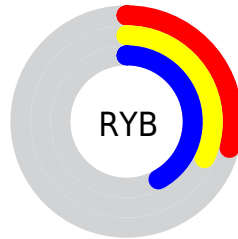
The YIQ color **83.4470, -14.2600, 5.1320** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.5530, 14.2600, -5.1320**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9740, -14.3060, 5.9660**, and **37.8060, -13.8930, 3.9870** is the 20% darker color. If you saturate the color by 10%, you get **76.0490, -18.8910, 6.4610**, and if you desaturate by 10%, it is **90.8450, -9.6290, 3.8030**.

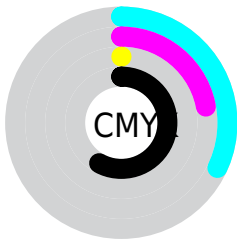
Distribution



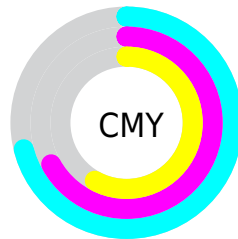
- Red (29%)
- Green (33%)
- Blue (42%)



- Red (29%)
- Yellow (32%)
- Blue (42%)



- Cyan (32%)
- Magenta (22%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.4470, -14.2600, 5.1320 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 83.4470, -14.2600, 5.1320 by changing the saturation by 10% instead.

■ 83.4470, -14.2600,
5.1320

■ 83.4470, -14.2600,
5.1320

■ 255.0000, -0.0000,
-0.0000

■ 60.3330, -13.9390,
4.8210

■ 132.9740,
-14.3060, 5.9660

■ 37.8060, -13.8930,
3.9870

■ 159.6750,
-14.9020, 5.7540

■ 17.0940, -14.7640,
3.2520

■ 185.9030,
-15.5440, 6.3760

■ 2.5250, -5.7320,
4.7640

■ 214.0170,
-15.8650, 6.6870

■ 0.0000, 0.0000,
0.0000

■ 240.7800,
-11.0040, 1.1880

■ 83.4470, -14.2600,
5.1320

■ 83.4470, -14.2600,
5.1320

■ 76.0490, -18.8910,
6.4610

■ 90.8450, -9.6290,
3.8030

■ 68.0640, -23.2470,
8.3130

■ 98.8300, -5.2730,
1.9510

■ 60.9650, -27.2820,
9.8540

■ 105.9290, -1.2380,
0.4100

■ 52.9800, -31.6380,
11.7060

■ 113.9140, 3.1180,
-1.4420

■ 45.5820, -36.2690,
13.0350

■ 121.3120, 7.7490,
-2.7710

■ 38.1840, -40.9000,
14.3640

■ 128.7100, 12.3800,
-4.1000

■ 32.2700, -44.0180,
15.8060

■ 136.6950, 16.7360,
-5.9520

■ 143.7940, 20.7710,

-7.4930

■ 151.7790, 25.1270,
-9.3450

Harmonies

Analogous

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



80.7830, -24.2540, -0.9740



83.4470, -14.2600, 5.1320



85.6120, -1.4230, 9.2730

Triad

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



83.4470, -14.2600, 5.1320



84.8840, 20.9980, 4.9180



79.8040, -11.5520, -10.9120

Complementary

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



83.4470, -14.2600, 5.1320



97.5530, 14.2600, -5.1320

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.



81.6760, 0.5520, -10.0080



83.4470, -14.2600, 5.1320



84.2270, 18.2940, -1.1460

Square

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



83.4470, -14.2600, 5.1320



85.5510, 17.7420, 8.8620



83.0580, 11.2800, -6.1920



78.5840, -22.5560, -9.7240

Rectangle

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



83.4470, -14.2600, 5.1320



85.8580, 6.6920, 10.8840



83.0580, 11.2800, -6.1920



80.2560, -7.0130, -10.5730

Sweetspot

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



83.4470, -14.2600, 5.1320



130.5310, -5.8690, 1.7390



96.2810, -17.3290, -10.8410



65.6730, -3.3930, 0.9190



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



83.4470, -14.2600, 5.1320



102.1350, -22.0090, 7.9030



78.7840, -7.6590, 12.1570



49.8580, -2.4760, 0.8200



35.0570, -47.7320, 17.0360



73.1290, -99.8200, 35.9240

Inverse Universe

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



84.7190, 17.3290, 10.8410



104.0840, 26.7270, 16.7350



102.2160, 7.6590, -12.1570



50.0220, 2.9340, 1.8940



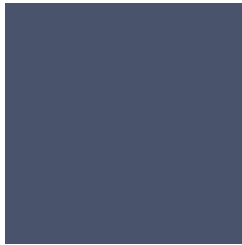
39.2010, 57.8550, 36.3110



82.0330, 121.3030, 75.8870

Previews

White Background



This preview shows how the YIQ color 83.4470, -14.2600, 5.1320 looks on a white background.

Color Contrast Check

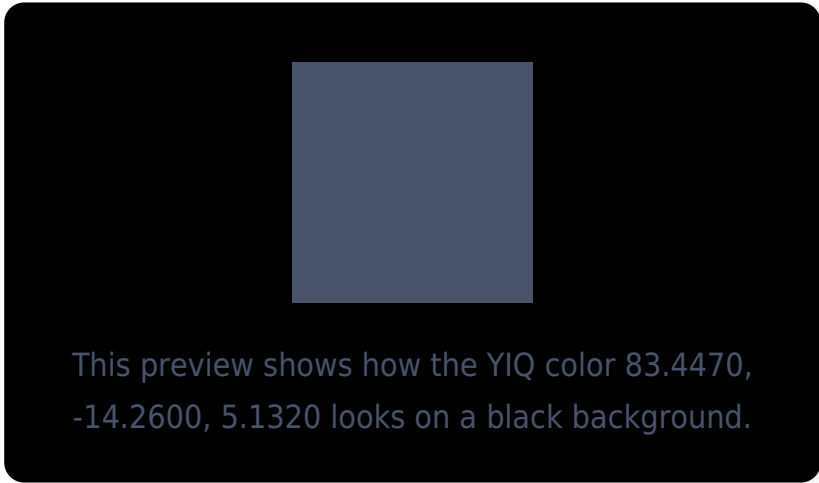
Large Text (above 18pt) WCAG AA ✓ Pass

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

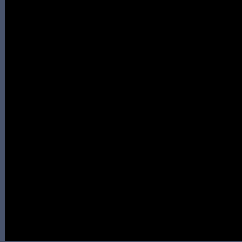
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

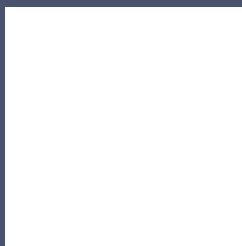
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 83.4470, -14.2600, 5.1320

Background



This preview shows how black text looks on a background with the YIQ color 83.4470, -14.2600, 5.1320.

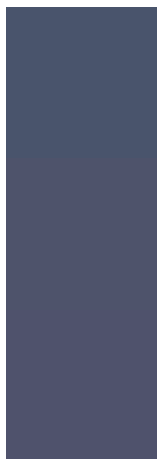


This preview shows how white text looks on a background with the YIQ color 83.4470, -14.2600,

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

83.4470, -14.2600, 5.1320

Protanopia

84.2410, -10.6840, 6.4040

Deuteranopia

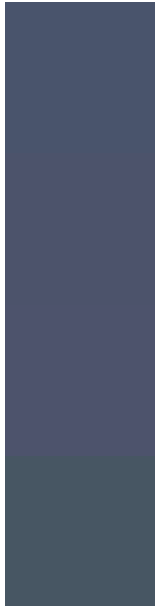
84.0670, -10.1340, 7.4500



Tritanopia

82.7150, -12.3790, -1.4270

Trichromacy



Original Color

83.4470, -14.2600, 5.1320

Protanomaly

83.6430, -11.8760, 5.9800

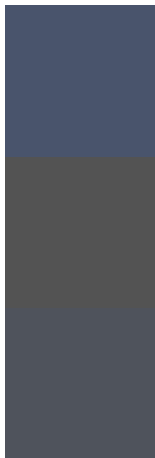
Deuteranomaly

84.0560, -11.6010, 6.5030

Tritanomaly

82.9970, -13.1130, 0.8630

Monochromacy



Original Color

83.4470, -14.2600, 5.1320

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.8300, -5.2730, 1.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.4470, -14.2600, 5.1320 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(73, 84, 108)` looks like.

```
.text, #text, p{  
    color:rgb(73, 84, 108)  
}
```

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(73, 84, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 84, 108) }
```

Border

The CSS property to change the border of an element to YIQ 83.4470, -14.2600, 5.1320 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(73, 84, 108) }
```


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

```
.border{ border-color:rgb(73, 84, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 84, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 84, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 84, 108);  
box-shadow:4px 4px 4px 4px rgb(73, 84,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 83.4470, -14.2600, 5.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 84, 108) }
```

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

```
.background{ background-color: rgb(73, 84,  
108) }
```

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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