

Converting Colors

YIQ(83.2840, -12.2430, 7.1250)

Have a look what the booklet for
YIQ(83.2840, -12.2430, 7.1250)
contains.

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Color

**YIQ(83.2840, -12.2430,
7.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	4C526D
RGB	76, 82, 109
RGB Percent	30%, 32%, 43%
CMY	0.7020, 0.6784, 0.5726
CMYK	0.30, 0.25, 0.00, 0.57
HSL	229°, 18%, 36%
HSV	229°, 30%, 43%
XYZ	8.7574, 8.6752, 15.6759
YIQ	83.2840, -12.2430, 7.1250

Conversions

Conversions Part 2

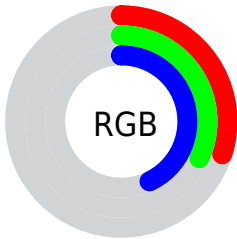
Format	Color
R_{YB}	76, 81, 109
Decimal	5001837
CIE _{Lab}	35.35, 4.49, -16.29
CIE _{LCh}	35, 16.893, 285.408
Yxy	8.6752, 0.2645, 0.2620
Android (android.graphics.Color)	4283191917 (0xFF4C526D)
YUV	83.2840, 12.6780, -6.3881
Hunter-Lab	29.4538, 1.5287, -10.9377

Details

The YIQ color **83.2840, -12.2430, 7.1250** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **101.7160, 12.2430, -7.1250**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9250, -12.6100, 8.2700**, and **38.2300, -12.1510, 5.4570** is the 20% darker color. If you saturate the color by 10%, you get **74.7120, -16.3240, 9.5000**, and if you desaturate by 10%, it is **91.8560, -8.1620, 4.7500**.

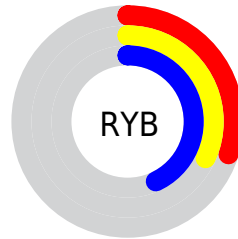
Distribution



Red (30%)

Green (32%)

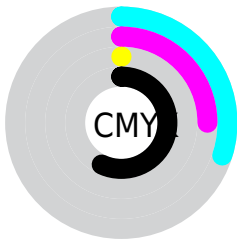
Blue (43%)



Red (30%)

Yellow (32%)

Blue (43%)

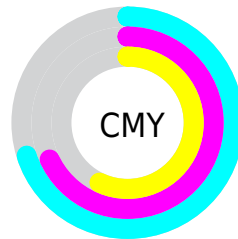


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (57%)



Cyan (70%)

Magenta (68%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.2840, -12.2430, 7.1250 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 83.2840, -12.2430, 7.1250 by changing the saturation by 10% instead.

■ 83.2840, -12.2430,
7.1250

■ 83.2840, -12.2430,
7.1250

■ 255.0000, -0.0000,
-0.0000

■ 60.1700, -11.9220,
6.8140

■ 132.9250,
-12.6100, 8.2700

■ 38.2300, -12.1510,
5.4570

■ 159.0390,
-12.9310, 8.5810

■ 16.8170, -12.4260,
4.9340

■ 186.0390,
-12.9310, 8.5810

■ 2.6390, -6.0530,
5.0750

■ 213.8540,
-13.8480, 8.6800

■ 0.0000, 0.0000,
0.0000

■ 240.2150, -7.7950,
3.6050

■ 83.2840, -12.2430,
7.1250

■ 83.2840, -12.2430,
7.1250

■ 74.7120, -16.3240,
9.5000

■ 91.8560, -8.1620,
4.7500

■ 66.1400, -20.4050,
11.8750

■ 100.4280, -4.0810,
2.3750

■ 57.5680, -24.4860,
14.2500

■ 109.0000, -0.0000,
0.0000

■ 48.9960, -28.5670,
16.6250

■ 117.5720, 4.0810,
-2.3750

■ 40.7230, -32.0520,
19.2120

■ 125.8450, 7.5660,
-4.9620

■ 32.7380, -36.4080,
21.0640

■ 133.8300, 11.9220,
-6.8140

■ 24.1660, -40.4890,
23.4390

■ 142.4020, 16.0030,
-9.1890

■ 150.9740, 20.0840,

-11.5640

■ 159.5460, 24.1650,
-13.9390

Harmonies

Analogous

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



79.9510, -24.6670, 1.0050



83.2840, -12.2430, 7.1250



84.9330, 2.1070, 11.3790

Triad

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



83.2840, -12.2430, 7.1250



84.3140, 22.6030, 3.3630



77.9390, -16.3660, -11.7740

Complementary

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



83.2840, -12.2430, 7.1250



101.7160, 12.2430, -7.1250

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.



79.8820, -3.0240, -11.2800



83.2840, -12.2430, 7.1250



83.0590, 18.7070, -3.1250

Square

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



83.2840, -12.2430, 7.1250



84.5190, 20.7680, 9.0880



81.5200, 9.8590, -7.9730



76.5340, -28.2870, -10.4870

Rectangle

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



83.2840, -12.2430, 7.1250



85.3530, 9.6720, 11.9440



81.5200, 9.8590, -7.9730



78.8640, -11.7810, -12.2690

Sweetspot

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



83.2840, -12.2430, 7.1250



132.6560, -4.7230, 2.9970



98.4490, -17.7420, -8.8620



65.3850, -2.5220, 1.6540



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.



83.2840, -12.2430, 7.1250



102.7980, -19.4420, 10.9420



82.7520, -4.6330, 12.3830



49.2710, -2.2010, 1.3430



25.6650, -43.3320, 25.4040



54.3450, -91.0200, 52.6600

Inverse Universe

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



86.5510, 17.7420, 8.8620



107.6880, 27.7820, 14.1340



102.2480, 4.6330, -12.3830



49.9080, 3.2550, 1.5830



37.3770, 62.9910, 31.3350



78.3850, 131.5750, 65.9350

Previews

White Background



This preview shows how the YIQ color 83.2840, -12.2430, 7.1250 looks on a white background.

Color Contrast Check

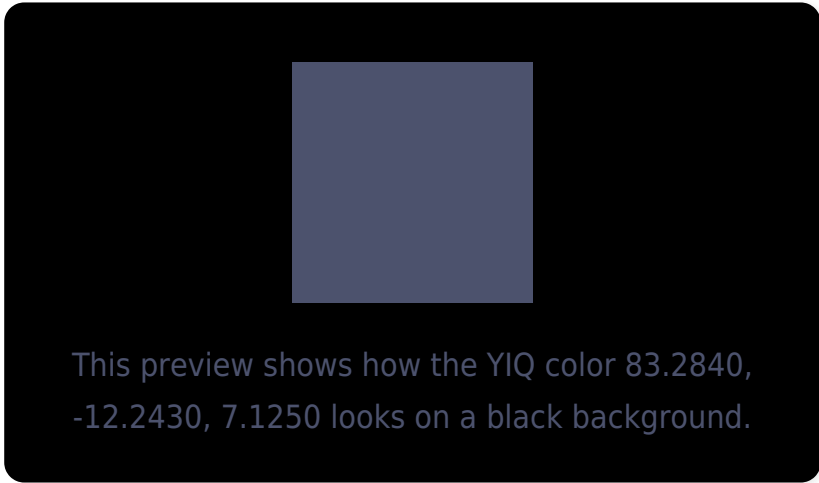
Large Text (above 18pt) WCAG AA ✓ Pass

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

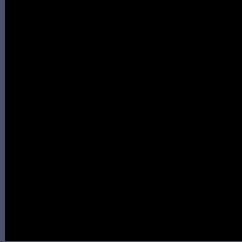
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.2840, -12.2430, 7.1250

Background



This preview shows how black text looks on a background with the YIQ color 83.2840, -12.2430, 7.1250.

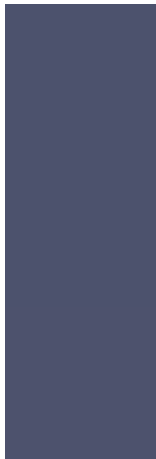


This preview shows how white text looks on a background with the YIQ color 83.2840, -12.2430,

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

83.2840, -12.2430, 7.1250

Protanopia

83.2840, -12.2430, 7.1250

Deuteranopia

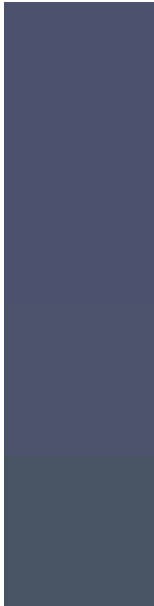
83.5830, -11.6470, 7.3370



Tritanopia

81.9110, -9.9950, -0.5790

Trichromacy



Original Color

83.2840, -12.2430, 7.1250

Protanomaly

83.2840, -12.2430, 7.1250

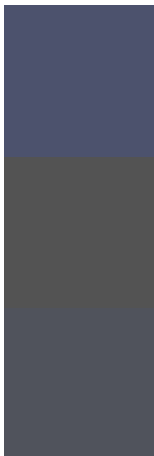
Deuteranomaly

83.5830, -11.6470, 7.3370

Tritanomaly

82.3070, -11.0500, 2.0220

Monochromacy



Original Color

83.2840, -12.2430, 7.1250

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.1290, -4.6770, 2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.2840, -12.2430, 7.1250 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(76, 82, 109)` looks like.

```
.text, #text, p{  
    color:rgb(76, 82, 109)  
}
```

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(76, 82, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 82, 109) }
```

Border

The CSS property to change the border of an element to YIQ 83.2840, -12.2430, 7.1250 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(76, 82, 109) }
```


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

```
.border{ border-color:rgb(76, 82, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 82, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 82, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 82, 109);  
box-shadow:4px 4px 4px 4px rgb(76, 82,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 83.2840, -12.2430, 7.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 82, 109) }
```

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

```
.background{ background-color: rgb(76, 82,  
109) }
```

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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