

Converting Colors

YIQ(75.3830, -26.5440,
-14.5440)

Have a look what the booklet for
YIQ(75.3830, -26.5440, -14.5440)
contains.

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Color

**YIQ(75.3830, -26.5440,
-14.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	295C50
RGB	41, 92, 80
RGB Percent	16%, 36%, 31%
CMY	0.8393, 0.6391, 0.6864
CMYK	0.55, 0.00, 0.13, 0.64
HSL	166°, 38%, 26%
HSV	166°, 55%, 36%
XYZ	6.1892, 8.7076, 8.9392
YIQ	75.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

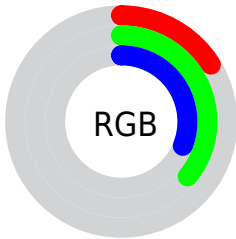
Format	Color
R_{YB}	41, 70, 92
Decimal	2710608
CIE _{Lab}	35.42, -20.46, 1.72
CIE _{LCh}	35, 20.532, 175.189
Yxy	8.7076, 0.2597, 0.3653
Android (android.graphics.Color)	4280900688 (0xFF295C50)
YUV	75.3830, 2.2762, -30.1539
Hunter-Lab	29.5086, -14.2010, 2.6950

Details

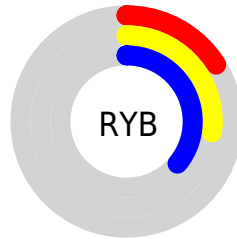
The YIQ color **75.3830, -26.5440, -14.5440** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.6170, 26.5440, 14.5440**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.8560, -26.4980, -15.3780**, and **31.1060, -24.2060, -12.8620** is the 20% darker color. If you saturate the color by 10%, you get **72.4640, -31.2660, -17.0740**, and if you desaturate by 10%, it is **78.3020, -21.8220, -12.0140**.

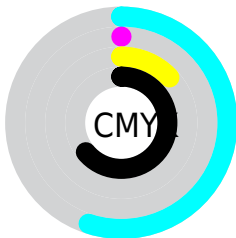
Distribution



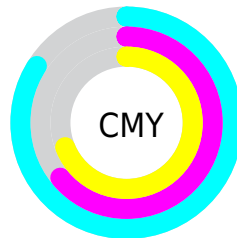
- Red (16%)
- Green (36%)
- Blue (31%)



- Red (16%)
- Yellow (27%)
- Blue (36%)



- Cyan (55%)
- Magenta (0%)
- Yellow (13%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.3830, -26.5440, -14.5440 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 75.3830, -26.5440, -14.5440 by changing the saturation by 10% instead.

■ 75.3830, -26.5440,
-14.5440

■ 75.3830, -26.5440,
-14.5440

■ 255.0000, -0.0000,
-0.0000

■ 50.6000, -28.6530,
-14.8690

■ 125.8560,
-26.4980, -15.3780

■ 31.1060, -24.2060,
-12.8620

■ 151.8560,
-26.4980, -15.3780

■ 17.4450, -11.9190,
-9.7670

■ 179.1440,
-27.3690, -16.1130

■ 0.0000, 0.0000,
0.0000

■ 206.7310,
-27.6440, -16.6360

■ 234.8450,
-27.9650, -16.3250

■ 246.3290,

-17.2840, -6.1480

■ 75.3830, -26.5440,
-14.5440

■ 75.3830, -26.5440,
-14.5440

■ 72.4640, -31.2660,
-17.0740

■ 78.3020, -21.8220,
-12.0140

■ 69.5450, -35.9880,
-19.6040

■ 81.2210, -17.1000,
-9.4840

■ 66.2130, -40.9850,
-22.6570

■ 84.4390, -11.7820,
-6.7420

■ 63.2940, -45.7070,
-25.1870

■ 87.4720, -7.3810,
-3.9010

■ 61.9840, -47.7700,
-26.3460

■ 90.3910, -2.6590,
-1.3710

■ 93.3100, 2.0630,
1.1590

■ 96.2290, 6.7850,
3.6890

■ 99.4470, 12.1030,
6.4310

■ 102.4800, 16.5040,
9.2720

Harmonies

Analogous

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



78.3650, -8.9380, -14.2340



75.3830, -26.5440, -14.5440



72.5370, -41.5370, -12.6490

Triad

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



75.3830, -26.5440, -14.5440



84.3600, -9.4010, 10.6870



83.7010, 25.7670, 1.0870

Complementary

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



75.3830, -26.5440, -14.5440



57.6170, 26.5440, 14.5440

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.



84.6290, 26.2700, 8.4940



75.3830, -26.5440, -14.5440



85.5640, 7.7000, 14.6440

Square

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



75.3830, -26.5440, -14.5440



80.4500, -27.5100, 2.9700



85.3820, 19.8960, 13.8800



82.3640, 19.1660, -5.9380

Rectangle

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



75.3830, -26.5440, -14.5440



73.2750, -43.5550, -9.1150



85.3820, 19.8960, 13.8800



83.8800, 26.8210, 4.0130

Sweetspot

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



75.3830, -26.5440, -14.5440



113.1510, -10.9110, -6.0070



74.8240, -6.2770, -23.9170



57.0700, -6.1890, -3.4770



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



75.3830, -26.5440, -14.5440



93.9140, -41.5810, -22.8690



69.1200, -26.8210, -4.0130



44.3910, -2.6590, -1.3710



74.1460, -57.2140, -31.4060



159.7530, -123.2760, -67.6600

Inverse Universe

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



57.6170, 26.5440, 14.5440



65.9720, 41.9020, 22.5580



63.8800, 26.8210, 4.0130



42.6090, 2.6590, 1.3710



35.8540, 57.2140, 31.4060



77.2470, 123.2760, 67.6600

Previews

White Background



This preview shows how the YIQ color 75.3830, -26.5440, -14.5440 looks on a white background.

Color Contrast Check

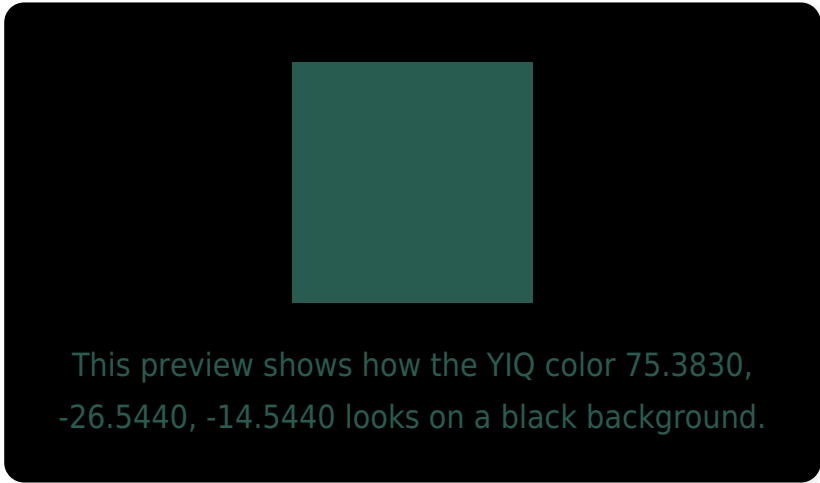
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.3830, -26.5440, -14.5440

Background



This preview shows how black text looks on a background with the YIQ color 75.3830, -26.5440, -14.5440.



This preview shows how white text looks on a background with the YIQ color 75.3830, -26.5440,

-14.5440.

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

75.3830, -26.5440, -14.5440

Protanopia

82.9850, 4.3560, -1.8520

Deuteranopia

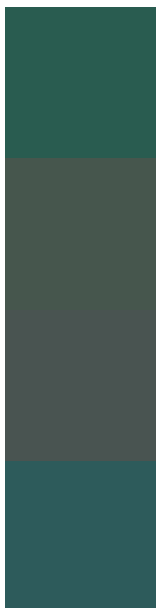
83.5170, 5.9140, 2.9540



Tritanopia

77.9410, -27.8750, -6.9390

Trichromacy



Original Color

75.3830, -26.5440, -14.5440

Protanomaly

80.1900, -6.6470, -6.1910

Deuteranomaly

80.3690, -5.5930, -3.2650

Tritanomaly

77.2460, -27.4160, -9.7520

Monochromacy



Original Color

75.3830, -26.5440, -14.5440

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.1620, -9.4440, -5.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.3830, -26.5440, -14.5440 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(41, 92, 80)` looks like.

```
.text, #text, p{  
    color:rgb(41, 92, 80)  
}
```

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(41, 92, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 92, 80) }
```

Border

The CSS property to change the border of an element to YIQ 75.3830, -26.5440, -14.5440 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(41, 92, 80) }
```


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

```
.border{ border-color:rgb(41, 92, 80) }
```

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

Here you see how a box with a 4 pixel rgb(41, 92, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 92, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 92, 80);  
box-shadow:4px 4px 4px 4px rgb(41, 92, 80)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.3830, -26.5440, -14.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 92, 80) }
```

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

```
.background{ background-color: rgb(41, 92,  
80) }
```

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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