

Converting Colors

YIQ(82.1370, -8.2960, -14.8560)

Have a look what the booklet for
YIQ(82.1370, -8.2960, -14.8560)
contains.

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Color

**YIQ(82.1370, -8.2960,
-14.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	415E42
RGB	65, 94, 66
RGB Percent	25%, 37%, 26%
CMY	0.7452, 0.6313, 0.7412
CMYK	0.31, 0.00, 0.30, 0.63
HSL	122°, 18%, 31%
HSV	122°, 31%, 37%
XYZ	7.1656, 9.5239, 6.6145
YIQ	82.1370, -8.2960, -14.8560

Conversions

Conversions Part 2

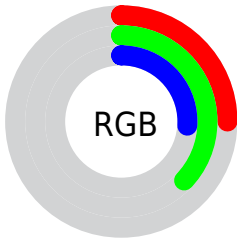
Format	Color
RYB	65, 93, 94
Decimal	4283970
CIELab	36.97, -17.11, 12.71
CIELCh	37, 21.319, 143.393
Yxy	9.5239, 0.3075, 0.4087
Android (android.graphics.Color)	4282474050 (0xFF415E42)
YUV	82.1370, -7.9555, -15.0291
Hunter-Lab	30.8609, -12.5607, 8.8949

Details

The YIQ color $82.1370, -8.2960, -14.8560$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $76.8630, 8.2960, 14.8560$, and the grayscale version is $82.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $132.1970, -8.5250, -16.2130$, and $36.7780, -8.6630, -13.7110$ is the 20% darker color. If you saturate the color by 10%, you get $78.4200, -10.7710, -19.5630$, and if you desaturate by 10%, it is $85.8540, -5.8210, -10.1490$.

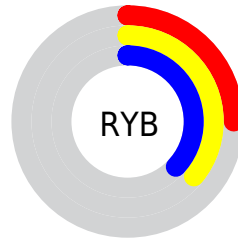
Distribution



Red (25%)

Green (37%)

Blue (26%)



Red (25%)

Yellow (36%)

Blue (37%)

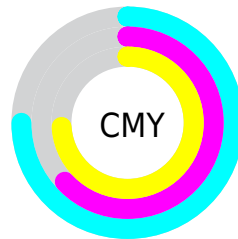


Cyan (31%)

Magenta (0%)

Yellow (30%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.1370, -8.2960, -14.8560 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 82.1370, -8.2960, -14.8560 by changing the saturation by 10% instead.

■ 82.1370, -8.2960,
-14.8560

■ 82.1370, -8.2960,
-14.8560

■ 255.0000, -0.0000,
-0.0000

■ 58.6640, -8.3420,
-14.0220

■ 132.1970, -8.5250,
-16.2130

■ 36.7780, -8.6630,
-13.7110

■ 157.8980, -9.1210,
-16.4250

■ 16.4360, -7.7000,
-14.6440

■ 185.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 212.9580, -9.3500,
-17.7820

■ 240.9580, -9.3500,
-17.7820

■ 252.9350, -1.3750,

-2.6150

■ 82.1370, -8.2960,
-14.8560

■ 82.1370, -8.2960,
-14.8560

■ 78.4200, -10.7710,
-19.5630

■ 85.8540, -5.8210,
-10.1490

■ 74.4040, -13.8420,
-24.4820

■ 89.8700, -2.7500,
-5.2300

■ 70.6870, -16.3170,
-29.1890

■ 93.5870, -0.2750,
-0.5230

■ 66.6710, -19.3880,
-34.1080

■ 97.6030, 2.7960,
4.3960

■ 62.9540, -21.8630,
-38.8150

■ 101.3200, 5.2710,
9.1030

■ 59.2370, -24.3380,
-43.5220

■ 105.0370, 7.7460,
13.8100

■ 55.5200, -26.8130,
-48.2290

■ 109.0530, 10.8170,
18.7290

■ 112.8840, 12.9710,
23.7470

■ 116.9000, 16.0420,
28.6660

Harmonies

Analogous

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



84.5150, 8.2550, -11.9450



82.1370, -8.2960, -14.8560



78.8560, -26.4980, -15.3780

Triad

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



82.1370, -8.2960, -14.8560



83.6670, -29.6190, 2.6450



88.6400, 27.7370, 9.4410

Complementary

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



82.1370, -8.2960, -14.8560



76.8630, 8.2960, 14.8560

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.



89.2080, 20.4460, 14.9260



82.1370, -8.2960, -14.8560



87.8760, -10.9140, 10.5740

Square

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



82.1370, -8.2960, -14.8560



77.4430, -43.9680, -7.1360



89.4930, 6.4620, 15.0540



87.5980, 27.5550, 1.7230

Rectangle

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



82.1370, -8.2960, -14.8560



76.3370, -38.0980, -14.4020



89.4930, 6.4620, 15.0540



88.7370, 26.0860, 11.8300

Sweetspot

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



82.1370, -8.2960, -14.8560



117.5710, -3.3460, -5.4420



90.3950, 8.7130, -9.2310



58.2230, -2.2460, -3.3500



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.



82.1370, -8.2960, -14.8560



103.6430, -13.0170, -22.9130



83.7330, -12.7900, -10.5020



43.9350, -1.3750, -2.6150



65.0260, -31.5340, -56.2860



140.0310, -67.7430, -121.4630

Inverse Universe

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



76.8630, 8.2960, 14.8560



95.4710, 12.6960, 23.2240



75.2670, 12.7900, 10.5020



43.0650, 1.3750, 2.6150



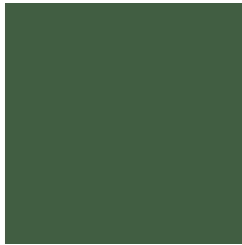
44.9740, 31.5340, 56.2860



96.9690, 67.7430, 121.4630

Previews

White Background



This preview shows how the YIQ color 82.1370, -8.2960, -14.8560 looks on a white background.

Color Contrast Check

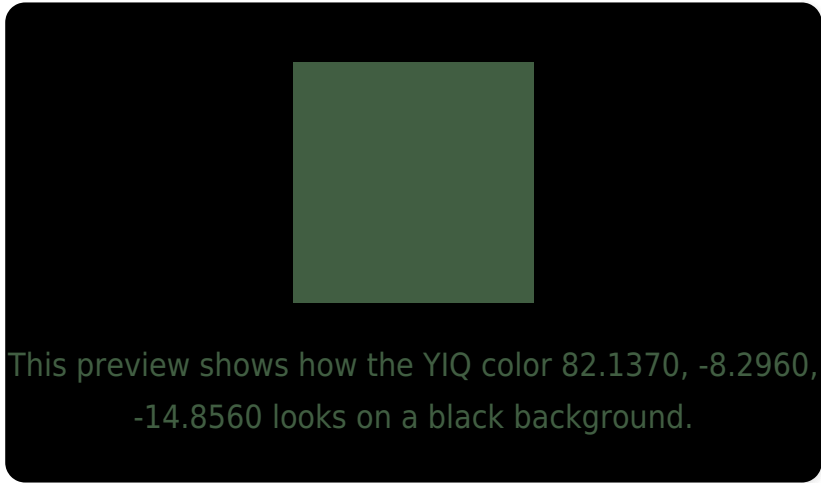
Large Text (above 18pt) WCAG AA ✓ Pass

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

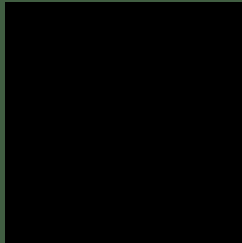
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.1370, -8.2960, -14.8560

Background



This preview shows how black text looks on a background with the YIQ color 82.1370, -8.2960, -14.8560.



This preview shows how white text looks on a background with the YIQ color 82.1370, -8.2960, -14.8560.

-14.8560.

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

82.1370, -8.2960, -14.8560

Protanopia

86.0580, 11.2800, -6.1920

Deuteranopia

86.6720, 15.5430, -0.8490



Tritanopia

85.1170, -13.5710, -1.8510

Trichromacy



Original Color

82.1370, -8.2960, -14.8560

Protanomaly

84.9430, 4.1740, -9.5700

Deuteranomaly

85.0190, 7.0160, -6.0080

Tritanomaly

83.8520, -11.5070, -6.2190

Monochromacy



Original Color

82.1370, -8.2960, -14.8560

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.8700, -2.7500, -5.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.1370, -8.2960, -14.8560 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(65, 94, 66)` looks like.

```
.text, #text, p{  
    color:rgb(65, 94, 66)  
}
```

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(65, 94, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 94, 66) }
```

Border

The CSS property to change the border of an element to YIQ 82.1370, -8.2960, -14.8560 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(65, 94, 66) }
```


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

```
.border{ border-color:rgb(65, 94, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 94, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 94, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 94, 66);  
box-shadow:4px 4px 4px 4px rgb(65, 94, 66)  
}
```

Background

The CSS property to change the background color of an element to YIQ 82.1370, -8.2960, -14.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 94, 66) }
```

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

```
.background{ background-color: rgb(65, 94,  
66) }
```

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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