

Converting Colors

YIQ(81.3490, -12.0090,
-19.1530)

Have a look what the booklet for
YIQ(81.3490, -12.0090, -19.1530)
contains.

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Color

**YIQ(81.3490, -12.0090,
-19.1530)**

Conversions

Conversions Part 1	
Format	Color
Hex	3A613E
RGB	58, 97, 62
RGB Percent	23%, 38%, 24%
CMY	0.7727, 0.6195, 0.7569
CMYK	0.40, 0.00, 0.36, 0.62
HSL	126°, 25%, 30%
HSV	126°, 40%, 38%
XYZ	6.8888, 9.7988, 6.0850
YIQ	81.3490, -12.0090, -19.1530

Conversions

Conversions Part 2

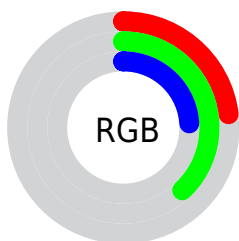
Format	Color
RYB	58, 93, 97
Decimal	3825982
CIELab	37.48, -22.05, 15.74
CIELCh	37, 27.088, 144.474
Yxy	9.7988, 0.3025, 0.4303
Android (android.graphics.Color)	4282016062 (0xFF3A613E)
YUV	81.3490, -9.5391, -20.4771
Hunter-Lab	31.3030, -15.4983, 10.3868

Details

The YIQ color **81.3490, -12.0090, -19.1530** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.6510, 12.0090, 19.1530**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4090, -12.2380, -20.5100**, and **34.5060, -13.8890, -18.1210** is the 20% darker color. If you saturate the color by 10%, you get **77.3330, -15.0800, -24.0720**, and if you desaturate by 10%, it is **85.3650, -8.9380, -14.2340**.

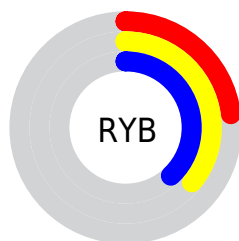
Distribution



Red (23%)

Green (38%)

Blue (24%)



Red (23%)

Yellow (36%)

Blue (38%)

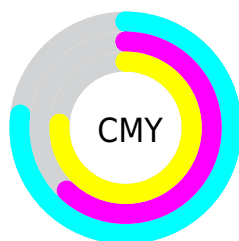


Cyan (40%)

Magenta (0%)

Yellow (36%)

Black (62%)



Cyan (77%)


Magenta (62%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.3490, -12.0090, -19.1530 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 81.3490, -12.0090, -19.1530 by changing the saturation by 10% instead.


 81.3490, -12.0090,
-19.1530


 81.3490, -12.0090,
-19.1530


255.0000, -0.0000,
-0.0000

 57.5770, -12.6510,
-18.5310


 131.4090,
-12.2380, -20.5100


 34.5060, -13.8890,
-18.1210


 157.8820,
-12.1920, -21.3440

 17.6100, -8.2500,
-15.6900

 184.5830,
-12.7880, -21.5560

 0.0000, 0.0000,
0.0000

 212.4690,
-12.4670, -21.8670

 238.5940,
-11.3210, -20.6090

 250.2720, -3.9420,

-5.6540

■ 81.3490, -12.0090,
-19.1530

■ 81.3490, -12.0090,
-19.1530

■ 77.3330, -15.0800,
-24.0720

■ 85.3650, -8.9380,
-14.2340

■ 73.7300, -17.8760,
-28.4680

■ 88.9680, -6.1420,
-9.8380

■ 69.7140, -20.9470,
-33.3870

■ 92.9840, -3.0710,
-4.9190

■ 65.6980, -24.0180,
-38.3060

■ 97.0000, -0.0000,
0.0000

■ 61.6820, -27.0890,
-43.2250

■ 100.7170, 2.4750,
4.7070

■ 58.0790, -29.8850,
-47.6210

■ 104.6190, 5.8670,
9.3150

■ 108.6350, 8.9380,
14.2340

■ 112.6510, 12.0090,
19.1530

■ 116.2540, 14.8050,
23.5490

Harmonies

Analogous

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



84.4780, 9.6770, -15.6910



81.3490, -12.0090, -19.1530



74.4520, -40.1600, -21.0880

Triad

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



81.3490, -12.0090, -19.1530



82.3930, -40.5310, 2.1650



89.2280, 34.8890, 11.9850

Complementary

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



81.3490, -12.0090, -19.1530



73.6510, 12.0090, 19.1530

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.



90.2520, 26.3140, 18.7140



81.3490, -12.0090, -19.1530



89.0160, -14.1240, 13.6840

Square

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



81.3490, -12.0090, -19.1530



70.9610, -66.1580, -12.4780



91.0960, 9.2580, 19.4500



88.3060, 34.2490, 1.5530

Rectangle

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



81.3490, -12.0090, -19.1530



69.8720, -58.9580, -21.8220



91.0960, 9.2580, 19.4500



89.4390, 32.9170, 14.6850

Sweetspot

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



81.3490, -12.0090, -19.1530



119.0330, -4.7670, -7.2230



91.3580, 10.1350, -12.9770



60.3970, -2.7960, -4.3960



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.



81.3490, -12.0090, -19.1530



100.9040, -18.4260, -29.5140



83.5150, -18.1080, -13.2440



46.3480, -1.1000, -2.0920



67.1120, -34.6520, -54.8440



143.7300, -74.0250, -117.7450

Inverse Universe

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



73.6510, 12.0090, 19.1530



89.0960, 18.4260, 29.5140



71.4850, 18.1080, 13.2440



45.6520, 1.1000, 2.0920



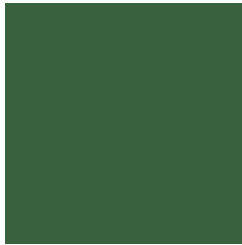
45.0020, 34.3310, 55.1550



96.2700, 74.0250, 117.7450

Previews

White Background



This preview shows how the YIQ color 81.3490, -12.0090, -19.1530 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



This preview shows how the YIQ color 81.3490, -12.0090, -19.1530 looks on a 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 81.3490, -12.0090, -19.1530

Background



This preview shows how black text looks on a background with the YIQ color 81.3490, -12.0090, -19.1530.



This preview shows how white text looks on a background with the YIQ color 81.3490, -12.0090,

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

81.3490, -12.0090, -19.1530

Protanopia

86.6730, 13.8020, -7.8460

Deuteranopia

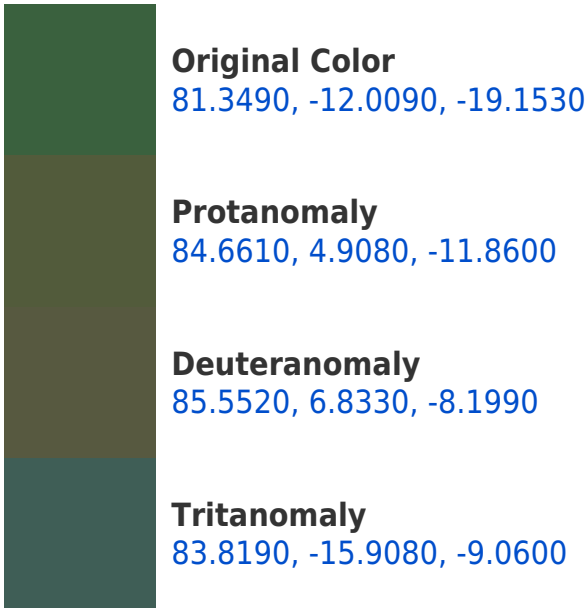
87.8140, 18.0190, -1.6690



Tritanopia

85.1380, -18.0640, -3.0240

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.3490, -12.0090, -19.1530 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(58, 97, 62)` looks like.

```
.text, #text, p{  
    color:rgb(58, 97, 62)  
}
```

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(58, 97, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 97, 62) }
```

Border

The CSS property to change the border of an element to YIQ 81.3490, -12.0090, -19.1530 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(58, 97, 62) }
```


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

```
.border{ border-color:rgb(58, 97, 62) }
```

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

Here you see how a box with a 4 pixel rgb(58, 97, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 97, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 97, 62);  
box-shadow:4px 4px 4px 4px rgb(58, 97, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 81.3490, -12.0090, -19.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 97, 62) }
```

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

```
.background{ background-color: rgb(58, 97,  
62) }
```

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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