

Converting Colors

YIQ(83.4190, 8.1650, -21.3310)

Have a look what the booklet for
YIQ(83.4190, 8.1650, -21.3310)
contains.

YIQ(83.4190, 8.1650, -21.3310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(83.4190, 8.1650,
-21.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5F26
RGB	78, 95, 38
RGB Percent	31%, 37%, 15%
CMY	0.6942, 0.6274, 0.8509
CMYK	0.18, 0.00, 0.60, 0.63
HSL	78°, 43%, 26%
HSV	78°, 60%, 37%
XYZ	7.5833, 9.9446, 3.3552
YIQ	83.4190, 8.1650, -21.3310

Conversions

Conversions Part 2

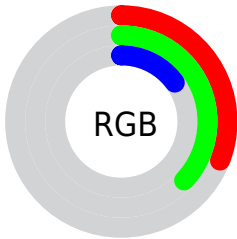
Format	Color
RYB	38, 95, 55
Decimal	5136166
CIELab	37.74, -16.40, 29.96
CIELCh	38, 34.153, 118.698
Yxy	9.9446, 0.3631, 0.4762
Android (android.graphics.Color)	4283326246 (0xFF4E5F26)
YUV	83.4190, -22.3916, -4.7525
Hunter-Lab	31.5351, -12.2622, 15.7664

Details

The YIQ color **83.4190, 8.1650, -21.3310** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49.5810, -8.1650, 21.3310**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.3760, 9.7240, -22.0520**, and **38.6300, 6.1930, -18.6310** is the 20% darker color. If you saturate the color by 10%, you get **81.4960, 9.2660, -24.7660**, and if you desaturate by 10%, it is **85.4560, 6.7430, -17.5850**.

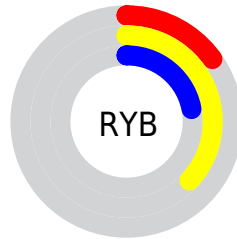
Distribution



Red (31%)

Green (37%)

Blue (15%)



Red (15%)

Yellow (37%)

Blue (22%)

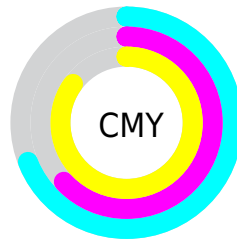


Cyan (18%)

Magenta (0%)

Yellow (60%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.4190, 8.1650, -21.3310 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 83.4190, 8.1650, -21.3310 by changing the saturation by 10% instead.

■ 83.4190, 8.1650,
-21.3310

■ 83.4190, 8.1650,
-21.3310

■ 255.0000, -0.0000,
-0.0000

■ 59.5330, 7.8440,
-21.0200

■ 133.3760, 9.7240,
-22.0520

■ 38.6300, 6.1930,
-18.6310

■ 159.8490, 9.7700,
-22.8860

■ 17.3220, -7.3790,
-14.9550

■ 186.7350, 10.0910,
-23.1970

■ 0.0000, 0.0000,
0.0000

■ 214.5070, 10.7330,
-23.8190

■ 242.8060, 11.3290,
-23.6070

■ 250.7820, 11.8770,

-11.5070

253.9740, 2.8890,
-2.7990

83.4190, 8.1650,
-21.3310

83.4190, 8.1650,
-21.3310

81.4960, 9.2660,
-24.7660

85.4560, 6.7430,
-17.5850

79.4590, 10.6880,
-28.5120

87.3790, 5.6420,
-14.1500

77.5360, 11.7890,
-31.9470

89.1170, 3.6240,
-10.6160

75.7980, 13.8070,
-35.4810

91.0400, 2.5230,
-7.1810

93.0770, 1.1010,
-3.4350

■ 95.0000, -0.0000,
-0.0000

■ 97.0370, -1.4220,
3.7460

■ 98.9600, -2.5230,
7.1810

■ 100.9970, -3.9450,
10.9270

Harmonies

Analogous

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



86.2970, 29.3000, -13.3880



83.4190, 8.1650, -21.3310



77.9840, -21.4070, -25.0470

Triad

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



83.4190, 8.1650, -21.3310



73.5030, -70.5600, -9.7920



89.7910, 35.1620, 23.5620

Complementary

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



83.4190, 8.1650, -21.3310



49.5810, -8.1650, 21.3310

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.



91.6070, 15.3090, 25.4290



83.4190, 8.1650, -21.3310



79.0910, -54.2400, 2.8160

Square

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



83.4190, 8.1650, -21.3310



72.8700, -64.6440, -17.8920



90.0640, -14.0790, 18.3770



88.7730, 43.6000, 13.8080

Rectangle

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



83.4190, 8.1650, -21.3310



68.6520, -52.7670, -29.3990



90.0640, -14.0790, 18.3770



90.2080, 29.6140, 24.9900

Sweetspot

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



83.4190, 8.1650, -21.3310



117.6980, 3.4860, -8.1140



64.4350, 29.5720, 3.7160



58.3220, 1.7890, -4.8910



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.



83.4190, 8.1650, -21.3310



104.1940, 12.7520, -32.8800



75.0470, -8.5230, -27.2670



47.2450, 0.6880, -1.4560



89.3650, 16.2840, -41.8280



191.1120, 34.1280, -89.9040

Inverse Universe

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



49.5810, -8.1650, 21.3310



52.1050, -12.1560, 33.0920



57.9530, 8.5230, 27.2670



44.7550, -0.6880, 1.4560



22.9340, -15.6880, 42.0400



48.8880, -34.1280, 89.9040

Previews

White Background



This preview shows how the YIQ color 83.4190, 8.1650, -21.3310 looks on a white background.

Color Contrast Check

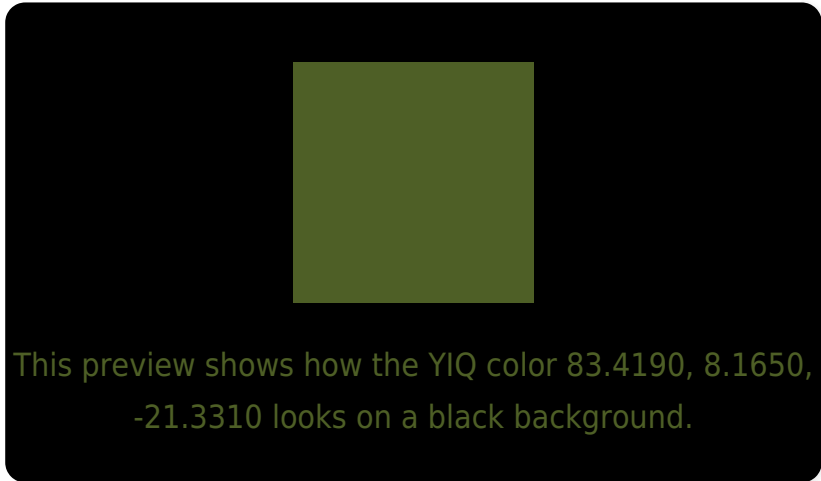
Large Text (above 18pt) WCAG AA ✓ Pass

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

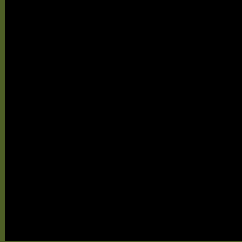
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.4190, 8.1650, -21.3310

Background



This preview shows how black text looks on a background with the YIQ color 83.4190, 8.1650, -21.3310.



This preview shows how white text looks on a background with the YIQ color 83.4190, 8.1650,

-21.3310.

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

83.4190, 8.1650, -21.3310

Protanopia

85.9480, 22.9730, -14.3630

Deuteranopia

86.8720, 29.2990, -7.8610



Tritanopia

88.6020, -4.6310, 1.3290

Trichromacy



Original Color

83.4190, 8.1650, -21.3310

Protanomaly

84.8440, 17.3340, -16.7940

Deuteranomaly

85.5180, 21.3680, -12.8080

Tritanomaly

86.4850, -0.2280, -6.8840

Monochromacy



Original Color

83.4190, 8.1650, -21.3310

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.9260, 2.8440, -7.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.4190, 8.1650, -21.3310 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(78, 95, 38)` looks like.

```
.text, #text, p{  
    color:rgb(78, 95, 38)  
}
```

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(78, 95, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 95, 38) }
```

Border

The CSS property to change the border of an element to YIQ 83.4190, 8.1650, -21.3310 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(78, 95, 38) }
```


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

```
.border{ border-color:rgb(78, 95, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 95, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 95, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 95, 38);  
box-shadow:4px 4px 4px 4px rgb(78, 95, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 83.4190, 8.1650, -21.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 95, 38) }
```

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

```
.background{ background-color: rgb(78, 95,  
38) }
```

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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