

Converting Colors

YIQ(83.1890, 4.2620, 10.8700)

Have a look what the booklet for
YIQ(83.1890, 4.2620, 10.8700)
contains.

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Color

**YIQ(83.1890, 4.2620,
10.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4B61
RGB	94, 75, 97
RGB Percent	37%, 29%, 38%
CMY	0.6313, 0.7059, 0.6196
CMYK	0.03, 0.23, 0.00, 0.62
HSL	292°, 13%, 34%
HSV	292°, 23%, 38%
XYZ	9.2908, 8.2746, 12.4167
YIQ	83.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

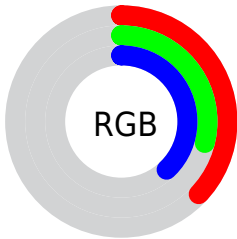
Format	Color
R_{YB}	94, 75, 97
Decimal	6179681
CIE Lab	34.55, 12.44, -9.83
CIE LCh	35, 15.861, 321.682
Yxy	8.2746, 0.3099, 0.2760
Android (android.graphics.Color)	4284369761 (0xFF5E4B61)
YUV	83.1890, 6.8088, 9.4812
Hunter-Lab	28.7656, 7.3128, -5.4567

Details

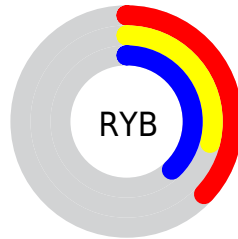
The YIQ color **83.1890, 4.2620, 10.8700** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.8110, -4.2620, -10.8700**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0150, 4.8120, 11.9160**, and **38.3630, 3.7120, 9.8240** is the 20% darker color. If you saturate the color by 10%, you get **77.0200, 6.4160, 15.8880**, and if you desaturate by 10%, it is **89.3580, 2.1080, 5.8520**.

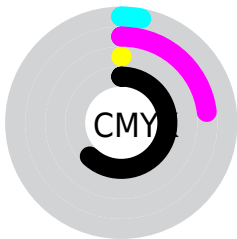
Distribution



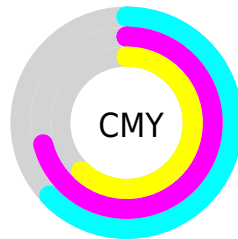
- Red (37%)
- Green (29%)
- Blue (38%)



- Red (37%)
- Yellow (29%)
- Blue (38%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (62%)



- Cyan (63%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.1890, 4.2620, 10.8700 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 83.1890, 4.2620, 10.8700 by changing the saturation by 10% instead.

83.1890, 4.2620,
10.8700

83.1890, 4.2620,
10.8700

255.0000, -0.0000,
-0.0000

59.7760, 3.9870,
10.3470

133.0150, 4.8120,
11.9160

38.3630, 3.7120,
9.8240

159.0150, 4.8120,
11.9160

16.4880, 4.8580,
11.0820

185.8410, 5.3620,
12.9620

0.1140, -0.3210,
0.3110

213.8410, 5.3620,
12.9620

0.0000, 0.0000,
0.0000

241.4990, 6.3250,
12.0290

83.1890, 4.2620,
10.8700

83.1890, 4.2620,
10.8700

77.0200, 6.4160,
15.8880

89.3580, 2.1080,
5.8520

71.1390, 7.6990,
20.1710

95.2390, 0.8250,
1.5690

64.9700, 9.8530,
25.1890

101.4080, -1.3290,
-3.4490

58.8010, 12.0070,
30.2070

107.5770, -3.4830,
-8.4670

52.3330, 13.5650,
35.0130

113.4580, -4.7660,
-12.7500

46.7510, 15.4440,
39.5080

119.6270, -6.9200,
-17.7680

40.5820, 17.5980,
44.5260


125.7960, -9.0740,
-22.7860

36.1740, 18.9270,

132.2640,

47.9750

-10.6320, -27.5920

 137.8460,
-12.5110, -32.0870

Harmonies

Analogous

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



81.6650, -8.9420, 7.8740



83.1890, 4.2620, 10.8700



83.0500, 14.8990, 10.8270

Triad

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



83.1890, 4.2620, 10.8700



80.8630, 16.3230, -3.9730



75.0720, -26.8660, -8.7060

Complementary

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



83.1890, 4.2620, 10.8700



88.8110, -4.2620, -10.8700

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.



76.2810, -17.3290, -10.8410



83.1890, 4.2620, 10.8700



79.5520, 6.8330, -8.1990

Square

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



83.1890, 4.2620, 10.8700



81.8900, 20.8610, 1.8930



77.6260, -5.1790, -10.7710



76.3370, -28.9300, -4.3380

Rectangle

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



83.1890, 4.2620, 10.8700



83.0350, 19.2550, 8.9750



77.6260, -5.1790, -10.7710



75.2140, -24.3900, -9.5260

Sweetspot

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



83.1890, 4.2620, 10.8700



119.4180, 1.8790, 4.4950



79.2690, -7.8870, 5.2730



60.7660, 0.7790, 2.4030



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.



83.1890, 4.2620, 10.8700



103.5470, 6.3700, 16.7220



83.1740, 8.6180, 9.0180



45.6520, 1.1000, 2.0920



41.7710, 21.8600, 55.3960



89.2530, 46.3320, 118.5240

Inverse Universe

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



81.9200, 12.1490, 5.5970



101.7360, 18.6590, 8.7630



88.8260, -8.6180, -9.0180



45.1960, 2.3840, 0.8480



35.1980, 61.9370, 28.4090



75.5220, 132.4470, 61.1430

Previews

White Background



This preview shows how the YIQ color 83.1890, 4.2620, 10.8700 looks on a white background.

Color Contrast Check

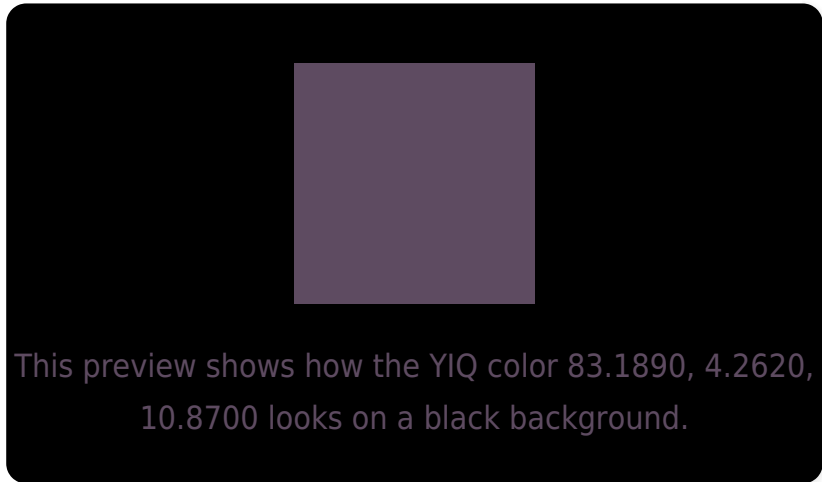
Large Text (above 18pt) WCAG AA ✓ Pass

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

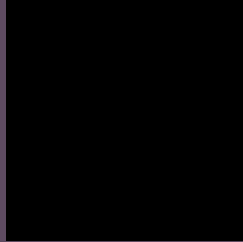
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.1890, 4.2620, 10.8700

Background



This preview shows how black text looks on a background with the YIQ color 83.1890, 4.2620, 10.8700.



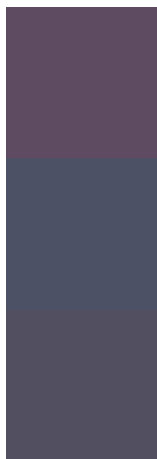
This preview shows how white text looks on a background with the YIQ color 83.1890, 4.2620,

10.8700.

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

83.1890, 4.2620, 10.8700

Protanopia

82.0840, -8.8040, 5.3720

Deuteranopia

81.8350, -3.6690, 5.9230



Tritanopia

82.1690, 7.0140, 5.0460

Trichromacy



Original Color

83.1890, 4.2620, 10.8700

Protanomaly

82.5900, -4.3570, 7.3790

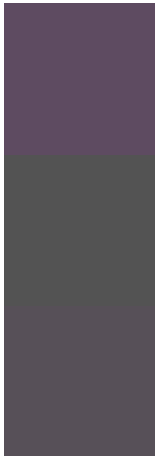
Deuteranomaly

82.4440, -1.0100, 7.2940

Tritanomaly

82.4510, 6.2800, 7.3360

Monochromacy



Original Color

83.1890, 4.2620, 10.8700

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.1890, 4.2620, 10.8700 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(94, 75, 97)` looks like.

```
.text, #text, p{  
    color:rgb(94, 75, 97)  
}
```

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(94, 75, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 75, 97) }
```

Border

The CSS property to change the border of an element to YIQ 83.1890, 4.2620, 10.8700 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(94, 75, 97) }
```


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

```
.border{ border-color:rgb(94, 75, 97) }
```

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

Here you see how a box with a 4 pixel rgb(94, 75, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 75, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 75, 97);  
box-shadow:4px 4px 4px 4px rgb(94, 75, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 83.1890, 4.2620, 10.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 75, 97) }
```

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

```
.background{ background-color: rgb(94, 75,  
97) }
```

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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