

Converting Colors

YIQ(82.5560, 19.3460, 12.8340)

Have a look what the booklet for
YIQ(82.5560, 19.3460, 12.8340)
contains.

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Color

**YIQ(82.5560, 19.3460,
12.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4553
RGB	109, 69, 83
RGB Percent	43%, 27%, 33%
CMY	0.5724, 0.7295, 0.6744
CMYK	0.00, 0.37, 0.24, 0.57
HSL	339°, 22%, 35%
HSV	339°, 37%, 43%
XYZ	9.9990, 8.1319, 9.2296
YIQ	82.5560, 19.3460, 12.8340

Conversions

Conversions Part 2

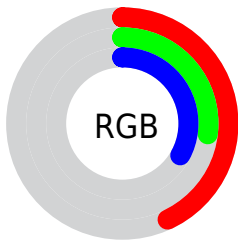
Format	Color
R_{YB}	109, 69, 83
Decimal	7161171
CIE _{Lab}	34.26, 19.41, -1.21
CIE _{LCh}	34, 19.452, 356.440
Yxy	8.1319, 0.3655, 0.2972
Android (android.graphics.Color)	4285351251 (0xFF6D4553)
YUV	82.5560, 0.2189, 23.1914
Hunter-Lab	28.5164, 12.6856, 0.7717

Details

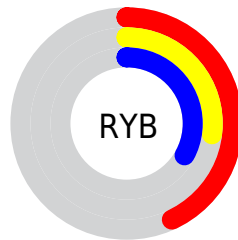
The YIQ color **82.5560, 19.3460, 12.8340** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **95.4440, -19.3460, -12.8340**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4530, 21.1340, 13.4700**, and **36.3600, 16.9620, 11.9860** is the 20% darker color. If you saturate the color by 10%, you get **75.3010, 24.6180, 16.4100**, and if you desaturate by 10%, it is **89.8110, 14.0740, 9.2580**.

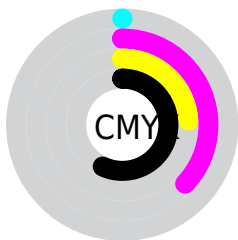
Distribution



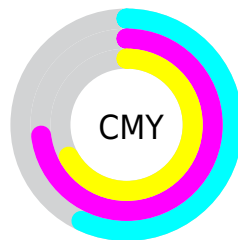
- Red (43%)
- Green (27%)
- Blue (33%)



- Red (43%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (57%)



- Cyan (57%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.5560, 19.3460, 12.8340 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 82.5560, 19.3460, 12.8340 by changing the saturation by 10% instead.

■ 82.5560, 19.3460,
12.8340

■ 82.5560, 19.3460,
12.8340

255.0000, -0.0000,
-0.0000

■ 58.9580, 18.1540,
12.4100

■ 132.4530, 21.1340,
13.4700

■ 36.3600, 16.9620,
11.9860

■ 159.1650, 22.0050,
14.2050

■ 13.4140, 16.8700,
13.6540

■ 185.7630, 23.1970,
14.6290

■ 0.0000, 0.0000,
0.0000

■ 214.0620, 23.7930,
14.8410

■ 236.3810, 12.4690,
10.8130

254.4130, 0.2750,

0.5230

■ 82.5560, 19.3460,
12.8340

■ 82.5560, 19.3460,
12.8340

■ 75.3010, 24.6180,
16.4100

■ 89.8110, 14.0740,
9.2580

■ 68.0460, 29.8900,
19.9860

■ 97.0660, 8.8020,
5.6820

■ 60.7910, 35.1620,
23.5620

■ 104.3210, 3.5300,
2.1060

■ 53.5360, 40.4340,
27.1380

■ 111.5760, -1.7420,
-1.4700

■ 46.2810, 45.7060,
30.7140

■ 118.2440, -6.7390,
-4.5230

■ 39.6130, 50.7030,
33.7670

■ 125.6130,
-12.3320, -7.7880

■ 36.9230, 52.7660,
34.9260

■ 132.8680,
-17.6040, -11.3640

■ 140.1230,
-22.8760, -14.9400

■ 147.3780,
-28.1480, -18.5160

Harmonies

Analogous

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



82.7380, 7.1500, 13.5980



82.5560, 19.3460, 12.8340



82.0310, 25.0780, 8.0700

Triad

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



82.5560, 19.3460, 12.8340



78.2590, 6.1000, -11.4360



73.3190, -37.6870, -5.3270

Complementary

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



82.5560, 19.3460, 12.8340



95.4440, -19.3460, -12.8340

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.



71.0320, -38.5570, -11.5890



82.5560, 19.3460, 12.8340



75.8920, -8.9840, -13.4000

Square

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



82.5560, 19.3460, 12.8340



79.8800, 17.6530, -6.0510



73.0950, -25.6730, -13.8090



78.4180, -24.4840, 3.1960

Rectangle

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



82.5560, 19.3460, 12.8340



81.2820, 25.6290, 3.5890



73.0950, -25.6730, -13.8090



71.9550, -39.6580, -8.1540

Sweetspot

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



82.5560, 19.3460, 12.8340



132.4680, 7.6100, 5.2580



81.0350, 2.0600, 17.7400



65.0330, 4.4010, 2.8410



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



82.5560, 19.3460, 12.8340



101.3450, 30.4860, 20.1980



83.8950, 22.4650, 5.8650



50.0220, 2.9340, 1.8940



39.6570, 56.5710, 37.5550



83.0590, 118.4140, 78.6860

Inverse Universe

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



82.5560, 19.3460, 12.8340



101.3450, 30.4860, 20.1980



94.1050, -22.4650, -5.8650



50.0220, 2.9340, 1.8940



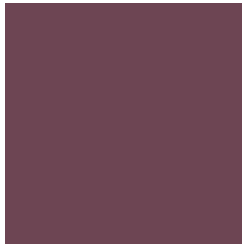
39.6570, 56.5710, 37.5550



83.0590, 118.4140, 78.6860

Previews

White Background



This preview shows how the YIQ color 82.5560, 19.3460, 12.8340 looks on a white background.

Color Contrast Check

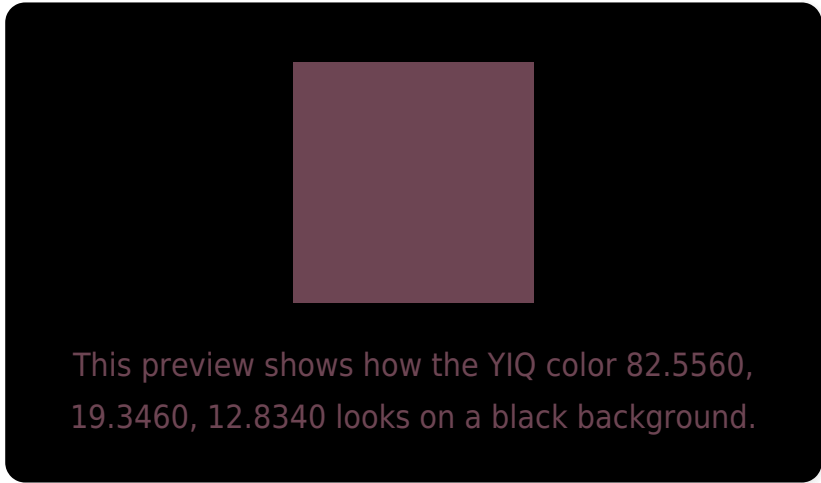
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.5560, 19.3460, 12.8340

Background



This preview shows how black text looks on a background with the YIQ color 82.5560, 19.3460, 12.8340.



This preview shows how white text looks on a background with the YIQ color 82.5560, 19.3460,

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

82.5560, 19.3460, 12.8340

Protanopia

81.1400, -3.2100, 3.1100

Deuteranopia

81.3320, 4.9970, 3.0530



Tritanopia

82.0460, 20.7220, 9.9220

Trichromacy



Original Color

82.5560, 19.3460, 12.8340

Protanomaly

81.7390, 5.4090, 6.6010

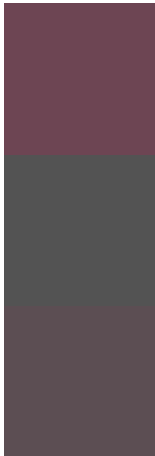
Deuteranomaly

82.0770, 10.2690, 6.6290

Tritanomaly

82.3880, 19.7590, 10.8550

Monochromacy



Original Color

82.5560, 19.3460, 12.8340

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.7560, 6.7390, 4.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.5560, 19.3460, 12.8340 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(109, 69, 83)` looks like.

```
.text, #text, p{  
    color:rgb(109, 69, 83)  
}
```

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(109, 69, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 69, 83) }
```

Border

The CSS property to change the border of an element to YIQ 82.5560, 19.3460, 12.8340 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(109, 69, 83) }
```


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

```
.border{ border-color:rgb(109, 69, 83) }
```

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

Here you see how a box with a 4 pixel rgb(109, 69, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 69, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 69, 83);  
box-shadow:4px 4px 4px 4px rgb(109, 69,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 82.5560, 19.3460, 12.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 69, 83) }
```

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

```
.background{ background-color: rgb(109, 69,  
83) }
```

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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