

Converting Colors

YIQ(83.8240, 21.2270, 6.2750)

Have a look what the booklet for
YIQ(83.8240, 21.2270, 6.2750)
contains.

YIQ(83.8240, 21.2270, 6.2750)	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(83.8240, 21.2270,
6.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4A47
RGB	108, 74, 71
RGB Percent	42%, 29%, 28%
CMY	0.5764, 0.7098, 0.7215
CMYK	0.00, 0.32, 0.34, 0.58
HSL	5°, 21%, 35%
HSV	5°, 34%, 42%
XYZ	9.7727, 8.5403, 7.0983
YIQ	83.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

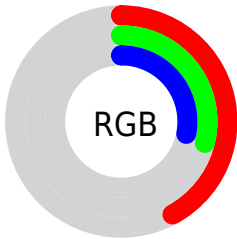
Format	Color
R_{YB}	108, 74, 71
Decimal	7096903
CIE _{Lab}	35.08, 14.05, 7.58
CIE _{LCh}	35, 15.967, 28.348
Yxy	8.5403, 0.3846, 0.3361
Android (android.graphics.Color)	4285286983 (0xFF6C4A47)
YUV	83.8240, -6.3222, 21.2024
Hunter-Lab	29.2237, 8.5503, 6.0554

Details

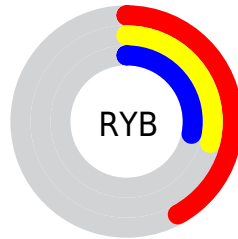
The YIQ color **83.8240, 21.2270, 6.2750** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **95.1760, -21.2270, -6.2750**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.6070, 23.3360, 6.6000**, and **38.4430, 17.9260, 5.5260** is the 20% darker color. If you saturate the color by 10%, you get **76.7000, 27.5080, 8.0840**, and if you desaturate by 10%, it is **90.9480, 14.9460, 4.4660**.

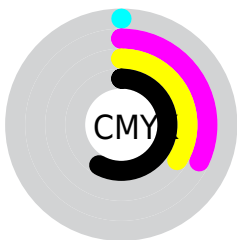
Distribution



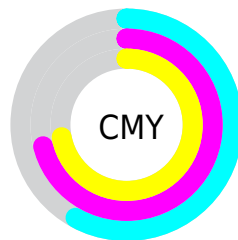
- Red (42%)
- Green (29%)
- Blue (28%)



- Red (42%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.8240, 21.2270, 6.2750 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 83.8240, 21.2270, 6.2750 by changing the saturation by 10% instead.

83.8240, 21.2270,
6.2750

83.8240, 21.2270,
6.2750

255.0000, -0.0000,
-0.0000

60.3400, 19.7140,
6.1620

133.6070, 23.3360,
6.6000

38.4430, 17.9260,
5.5260

160.2050, 24.5280,
7.0240

15.5850, 20.4020,
4.7060

187.5040, 25.1240,
7.2360

0.0000, 0.0000,
0.0000

215.1020, 26.3160,
7.6600

237.7200, 15.5880,
3.8440

■ 83.8240, 21.2270,
6.2750

■ 83.8240, 21.2270,
6.2750

■ 76.7000, 27.5080,
8.0840

■ 90.9480, 14.9460,
4.4660

■ 69.5760, 33.7890,
9.8930

■ 98.0720, 8.6650,
2.6570

■ 62.5660, 39.7490,
12.0130

■ 105.0820, 2.7050,
0.5370

■ 55.4420, 46.0300,
13.8220

■ 112.2060, -3.5760,
-1.2720

■ 48.3180, 52.3110,
15.6310

■ 119.3300, -9.8570,
-3.0810

■ 41.1940, 58.5920,
17.4400

■ 126.4540,
-16.1380, -4.8900

■ 37.5750, 61.8930,
18.1890

■ 133.5780,
-22.4190, -6.6990

■ 140.0010,

-28.1040, -8.2960

■ 147.1250,
-34.3850, -10.1050

Harmonies

Analogous

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



84.4200, 16.7330, 10.6290



83.8240, 21.2270, 6.2750



82.9500, 20.6320, 0.5360

Triad

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



83.8240, 21.2270, 6.2750



78.6580, -8.2050, -10.9970



81.3540, -18.4320, 3.6480

Complementary

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



83.8240, 21.2270, 6.2750



95.1760, -21.2270, -6.2750

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.



77.8750, -27.5090, -2.5570



83.8240, 21.2270, 6.2750



77.3130, -20.3550, -11.0670

Square

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



83.8240, 21.2270, 6.2750



80.3560, 4.4490, -9.0470



76.1150, -28.4250, -7.9850



83.4590, -5.3660, 9.1460

Rectangle

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



83.8240, 21.2270, 6.2750



82.2760, 16.5980, -3.4500



76.1150, -28.4250, -7.9850



80.0330, -21.9620, 1.5420

Sweetspot

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



83.8240, 21.2270, 6.2750



130.7730, 8.0690, 2.4450



86.0530, 10.8170, 18.7290



65.9790, 4.4930, 1.1730



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.



83.8240, 21.2270, 6.2750



102.3910, 32.8720, 9.9920



94.3900, 16.2770, -3.1390



50.3810, 3.3010, 0.7490



40.2660, 67.2570, 20.0970



84.9950, 140.5200, 41.4800

Inverse Universe

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



95.1760, -21.2270, -6.2750



120.6090, -32.8720, -9.9920



84.6100, -16.2770, 3.1390



51.6190, -3.3010, -0.7490



76.7340, -67.2570, -20.0970



160.0050, -140.5200, -41.4800

Previews

White Background



This preview shows how the YIQ color 83.8240, 21.2270, 6.2750 looks on a white background.

Color Contrast Check

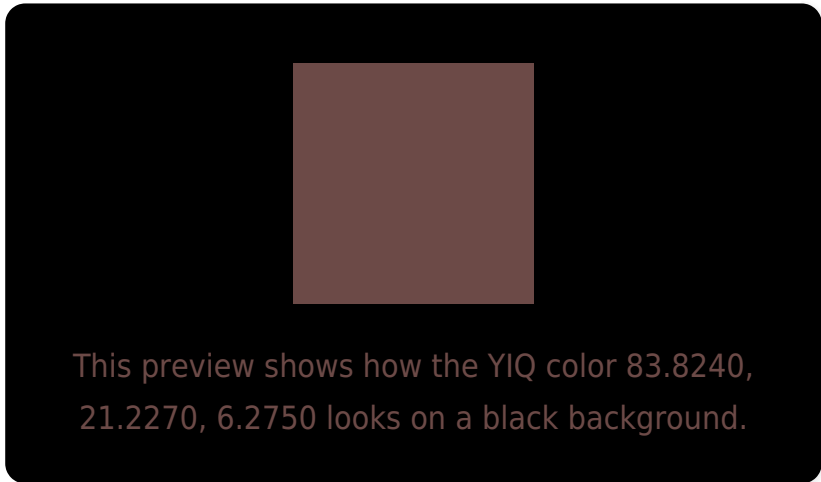
Large Text (above 18pt) WCAG AA ✓ Pass

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

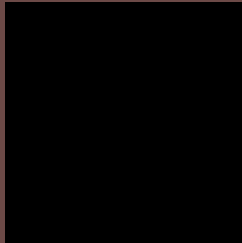
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.8240, 21.2270, 6.2750

Background



This preview shows how black text looks on a background with the YIQ color 83.8240, 21.2270, 6.2750.

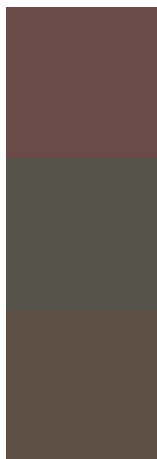


This preview shows how white text looks on a background with the YIQ color 83.8240, 21.2270,

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

83.8240, 21.2270, 6.2750

Protanopia

82.9850, 4.3560, -1.8520

Deuteranopia

83.3450, 12.1500, 0.0700



Tritanopia

84.3340, 19.8510, 9.1870

Trichromacy



Original Color

83.8240, 21.2270, 6.2750

Protanomaly

83.5020, 10.2700, 1.1020

Deuteranomaly

83.6660, 15.6800, 2.1760

Tritanomaly

83.9920, 20.8140, 8.2540

Monochromacy



Original Color

83.8240, 21.2270, 6.2750

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.7730, 8.0690, 2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.8240, 21.2270, 6.2750 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(108, 74, 71)` looks like.

```
.text, #text, p{  
    color:rgb(108, 74, 71)  
}
```

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(108, 74, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 74, 71) }
```

Border

The CSS property to change the border of an element to YIQ 83.8240, 21.2270, 6.2750 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(108, 74, 71) }
```


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

```
.border{ border-color:rgb(108, 74, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 74, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 74, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 74, 71);  
box-shadow:4px 4px 4px 4px rgb(108, 74,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 83.8240, 21.2270, 6.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 74, 71) }
```

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

```
.background{ background-color: rgb(108, 74,  
71) }
```

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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