

Converting Colors

YIQ(85.0750, 21.7780, 1.7940)

Have a look what the booklet for
YIQ(85.0750, 21.7780, 1.7940)
contains.

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Color

**YIQ(85.0750, 21.7780,
1.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4E40
RGB	107, 78, 64
RGB Percent	42%, 31%, 25%
CMY	0.5803, 0.6942, 0.7489
CMYK	0.00, 0.27, 0.40, 0.58
HSL	19°, 25%, 34%
HSV	19°, 40%, 42%
XYZ	9.7149, 8.9442, 6.0686
YIQ	85.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

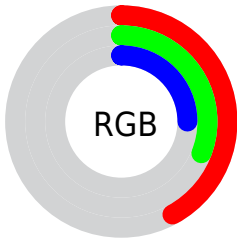
Format	Color
RYB	107, 85, 64
Decimal	7032384
CIELab	35.88, 10.17, 13.05
CIElCh	36, 16.543, 52.059
Yxy	8.9442, 0.3929, 0.3617
Android (android.graphics.Color)	4285222464 (0xFF6B4E40)
YUV	85.0750, -10.3900, 19.2282
Hunter-Lab	29.9069, 5.6464, 8.9040

Details

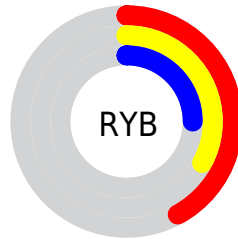
The YIQ color **85.0750, 21.7780, 1.7940** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.9250, -21.7780, -1.7940**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8580, 23.8870, 2.1190**, and **39.6940, 18.4770, 1.0450** is the 20% darker color. If you saturate the color by 10%, you get **79.7120, 27.2340, 2.0340**, and if you desaturate by 10%, it is **90.4380, 16.3220, 1.5540**.

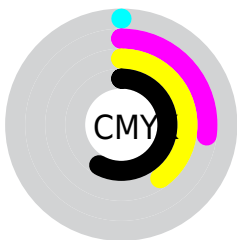
Distribution



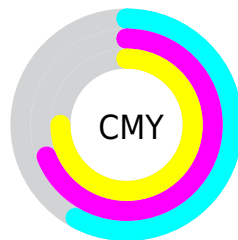
- Red (42%)
- Green (31%)
- Blue (25%)



- Red (42%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.0750, 21.7780, 1.7940 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 85.0750, 21.7780, 1.7940 by changing the saturation by 10% instead.

85.0750, 21.7780,
1.7940

85.0750, 21.7780,
1.7940

255.0000, -0.0000,
-0.0000

61.5910, 20.2650,
1.6810

134.8580, 23.8870,
2.1190

39.6940, 18.4770,
1.0450

161.3420, 25.4000,
2.2320

18.1070, 18.7520,
1.5680

188.6410, 25.9960,
2.4440

0.0000, 0.0000,
0.0000

216.2390, 27.1880,
2.8680

239.6290, 17.1020,
-1.5700

254.0880, 2.5680,

-2.4880

■ 85.0750, 21.7780,
1.7940

■ 85.0750, 21.7780,
1.7940

■ 79.7120, 27.2340,
2.0340

■ 90.4380, 16.3220,
1.5540

■ 74.4630, 32.3690,
2.5850

■ 95.6870, 11.1870,
1.0030

■ 68.5130, 38.1000,
3.3480

■ 101.6370, 5.4560,
0.2400

■ 63.1500, 43.5560,
3.5880

■ 107.0000, -0.0000,
0.0000

■ 57.9010, 48.6910,
4.1390

■ 112.3630, -5.4560,
-0.2400

■ 52.5380, 54.1470,
4.3790

■ 117.6120,
-10.5910, -0.7910

■ 123.5620,
-16.3220, -1.5540

■ 128.9250,
-21.7780, -1.7940

■ 134.1740,
-26.9130, -2.3450

Harmonies

Analogous

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



85.7640, 21.4560, 7.6320



85.0750, 21.7780, 1.7940



83.7490, 16.6440, -4.2840

Triad

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



85.0750, 21.7780, 1.7940



79.2700, -18.7960, -11.7880



85.0780, -8.6670, 8.3970

Complementary

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



85.0750, 21.7780, 1.7940



85.9250, -21.7780, -1.7940

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.



82.4460, -21.6870, 2.0650



85.0750, 21.7780, 1.7940



78.1750, -28.6540, -9.3420

Square

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



85.0750, 21.7780, 1.7940



81.2130, -5.4540, -11.2940



79.1520, -29.8470, -4.2390



86.6020, 4.5370, 11.3930

Rectangle

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



85.0750, 21.7780, 1.7940



82.8190, 10.4550, -7.7610



79.1520, -29.8470, -4.2390



84.2730, -13.7100, 6.1780

Sweetspot

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



85.0750, 21.7780, 1.7940



131.6050, 8.4820, 0.4660



80.1630, 16.3190, 18.1350



66.3380, 4.8600, 0.0280



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.



85.0750, 21.7780, 1.7940



105.9470, 33.8820, 2.6980



97.4020, 16.0030, -9.1890



50.9680, 3.0260, 0.2260



57.2890, 59.2820, 4.9300



120.2150, 124.0200, 10.1000

Inverse Universe

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



85.9250, -21.7780, -1.7940



107.0530, -33.8820, -2.6980



73.5980, -16.0030, 9.1890



51.0320, -3.0260, -0.2260



59.7110, -59.2820, -4.9300



124.7850, -124.0200, -10.1000

Previews

White Background



This preview shows how the YIQ color 85.0750, 21.7780, 1.7940 looks on a white background.

Color Contrast Check

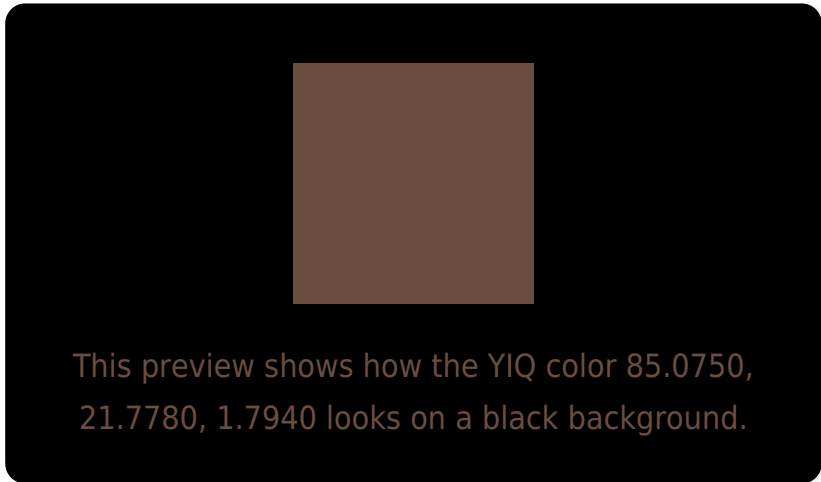
Large Text (above 18pt) WCAG AA ✓ Pass

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

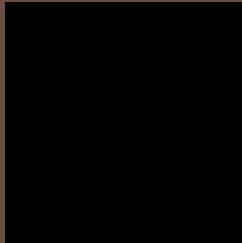
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.0750, 21.7780, 1.7940

Background



This preview shows how black text looks on a background with the YIQ color 85.0750, 21.7780, 1.7940.

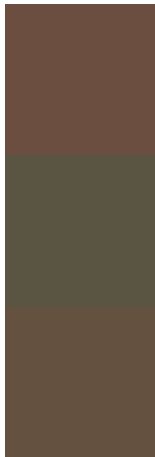


This preview shows how white text looks on a background with the YIQ color 85.0750, 21.7780,

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

85.0750, 21.7780, 1.7940

Protanopia

83.8560, 9.0330, -4.0150

Deuteranopia

84.6290, 17.1020, -1.5700



Tritanopia

86.4370, 18.0630, 8.5510

Trichromacy



Original Color

85.0750, 21.7780, 1.7940

Protanomaly

84.3620, 13.4800, -2.0080

Deuteranomaly

84.9390, 19.1650, -0.4110

Tritanomaly

86.0410, 19.1180, 5.9500

Monochromacy



Original Color

85.0750, 21.7780, 1.7940

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.7190, 8.1610, 0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.0750, 21.7780, 1.7940 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(107, 78, 64)` looks like.

```
.text, #text, p{  
    color:rgb(107, 78, 64)  
}
```

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(107, 78, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 78, 64) }
```

Border

The CSS property to change the border of an element to YIQ 85.0750, 21.7780, 1.7940 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(107, 78, 64) }
```


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

```
.border{ border-color:rgb(107, 78, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 78, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 78, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 78, 64);  
box-shadow:4px 4px 4px 4px rgb(107, 78,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 85.0750, 21.7780, 1.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 78, 64) }
```

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

```
.background{ background-color: rgb(107, 78,  
64) }
```

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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