

Converting Colors

YIQ(84.2400, 17.4200, 14.7000)

Have a look what the booklet for
YIQ(84.2400, 17.4200, 14.7000)
contains.

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Color

**YIQ(84.2400, 17.4200,
14.7000)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6E465A |
| RGB | 110, 70, 90 |
| RGB Percent | 43%, 27%, 35% |
| CMY | 0.5685, 0.7255, 0.6470 |
| CMYK | 0.00, 0.36, 0.18, 0.57 |
| HSL | 330°, 22%, 35% |
| HSV | 330°, 36%, 43% |
| XYZ | 10.4690, 8.4334, 10.7519 |
| YIQ | 84.2400, 17.4200, 14.7000 |

Conversions

Conversions Part 2

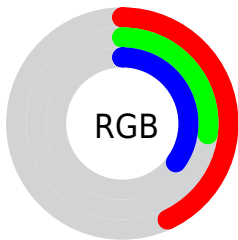
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 110, 70, 90 |
| Decimal | 7226970 |
| CIE _{Lab} | 34.87, 20.41, -4.74 |
| CIE _{LCh} | 35, 20.953, 346.936 |
| Yxy | 8.4334, 0.3530, 0.2844 |
| Android (android.graphics.Color) | 4285417050 (0xFF6E465A) |
| YUV | 84.2400, 2.8397, 22.5915 |
| Hunter-Lab | 29.0403, 13.5284, -1.6234 |

Details

The YIQ color **84.2400, 17.4200, 14.7000** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **95.7600, -17.4200, -14.7000**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.2510, 18.8870, 15.6470**, and **37.9300, 15.3570, 13.5410** is the 20% darker color. If you saturate the color by 10%, you get **77.2130, 22.0500, 18.8980**, and if you desaturate by 10%, it is **91.3810, 12.4690, 10.8130**.

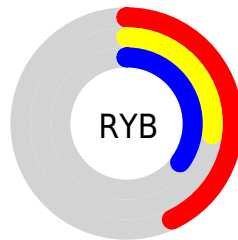
Distribution



Red (43%)

Green (27%)

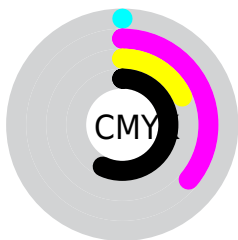
Blue (35%)



Red (43%)

Yellow (27%)

Blue (35%)

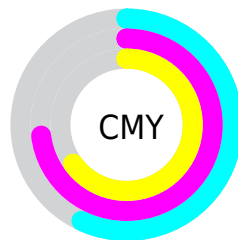


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (57%)



Cyan (57%)

Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.2400, 17.4200, 14.7000 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 84.2400, 17.4200, 14.7000 by changing the saturation by 10% instead.

84.2400, 17.4200,
14.7000

84.2400, 17.4200,
14.7000

255.0000, -0.0000,
-0.0000

60.6420, 16.2280,
14.2760

134.2510, 18.8870,
15.6470

37.9300, 15.3570,
13.5410

160.8490, 20.0790,
16.0710

15.5710, 14.9900,
14.6860

188.2620, 20.3540,
16.5940

0.0000, 0.0000,
0.0000

215.8600, 21.5460,
17.0180

237.9940, 9.3050,
13.0890

84.2400, 17.4200,
14.7000

84.2400, 17.4200,
14.7000

77.2130, 22.0500,
18.8980

91.3810, 12.4690,
10.8130

70.0720, 27.0010,
22.7850

98.4080, 7.8390,
6.6150

63.0450, 31.6310,
26.9830

105.5490, 2.8880,
2.7280

55.9040, 36.5820,
30.8700

112.5760, -1.7420,
-1.4700

48.8770, 41.2120,
35.0680

119.7170, -6.6930,
-5.3570

41.7360, 46.1630,
38.9550


126.7440,
-11.3230, -9.5550

39.1600, 47.9050,
40.4250

133.8850,
-16.2740, -13.4420

140.9120,

-20.9040, -17.6400

 148.0530,
-25.8550, -21.5270

Harmonies

Analogous

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



84.1120, 3.1610, 14.3050



84.2400, 17.4200, 14.7000



83.2100, 26.1320, 10.9960

Triad

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



84.2400, 17.4200, 14.7000



80.1240, 10.9140, -10.5740



71.2040, -44.7930, -8.7050

Complementary

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



84.2400, 17.4200, 14.7000



95.7600, -17.4200, -14.7000

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.



70.9670, -39.9320, -14.2040



84.2400, 17.4200, 14.7000



77.8170, -4.3990, -13.8950

Square

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



84.2400, 17.4200, 14.7000



81.3860, 22.1000, -4.0440



75.0090, -22.5550, -15.2510



77.5310, -32.2320, 0.4400

Rectangle

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



84.2400, 17.4200, 14.7000



82.6460, 27.6000, 6.4160



75.0090, -22.5550, -15.2510



70.0250, -45.8470, -11.6310

Sweetspot

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



84.2400, 17.4200, 14.7000



132.6960, 6.9680, 5.8800



80.2410, -1.5160, 16.4680



65.2610, 3.7590, 3.4630



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.



84.2400, 17.4200, 14.7000



102.3710, 27.5970, 22.9970



82.0740, 23.5190, 8.7910



52.1360, 2.6130, 2.2050



42.7200, 52.2600, 44.1000



87.9890, 107.4080, 90.9280

Inverse Universe

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



84.2400, 17.4200, 14.7000



102.3710, 27.5970, 22.9970



97.9260, -23.5190, -8.7910



52.1360, 2.6130, 2.2050



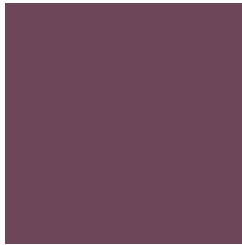
42.7200, 52.2600, 44.1000



87.9890, 107.4080, 90.9280

Previews

White Background



This preview shows how the YIQ color 84.2400, 17.4200, 14.7000 looks on a white background.

Color Contrast Check

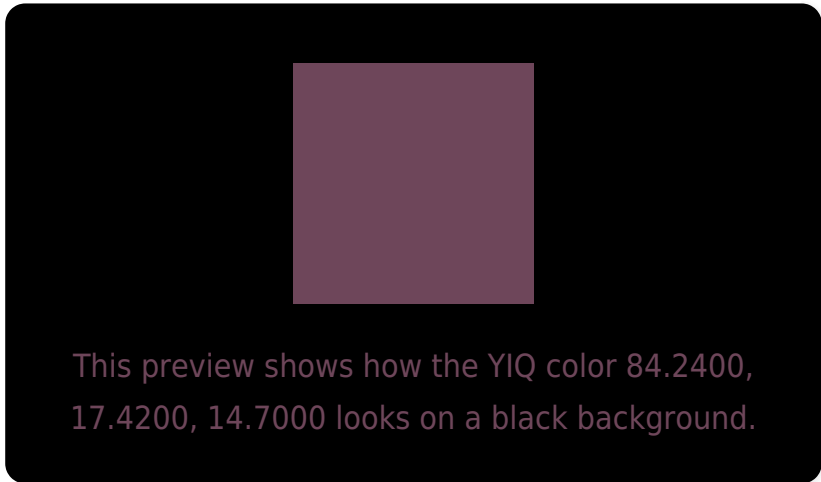
Large Text (above 18pt) WCAG AA ✓ Pass

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

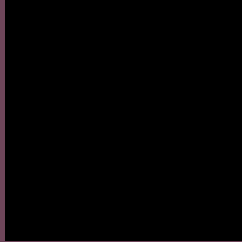
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.2400, 17.4200, 14.7000

Background



This preview shows how black text looks on a background with the YIQ color 84.2400, 17.4200, 14.7000.



This preview shows how white text looks on a background with the YIQ color 84.2400, 17.4200,

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

84.2400, 17.4200, 14.7000

Protanopia

82.9270, -6.9240, 4.3400

Deuteranopia

83.3040, 2.2000, 4.1840



Tritanopia

83.7470, 20.1260, 9.7100

Trichromacy



Original Color

84.2400, 17.4200, 14.7000

Protanomaly

83.5260, 1.6950, 7.8310

Deuteranomaly

83.4620, 7.7470, 8.2830

Tritanomaly

83.6160, 19.1170, 11.4770

Monochromacy



Original Color

84.2400, 17.4200, 14.7000

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.9840, 6.0970, 5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.2400, 17.4200, 14.7000 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(110, 70, 90)` looks like.

```
.text, #text, p{  
    color:rgb(110, 70, 90)  
}
```

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(110, 70, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 70, 90) }
```

Border

The CSS property to change the border of an element to YIQ 84.2400, 17.4200, 14.7000 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(110, 70, 90) }
```


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

```
.border{ border-color:rgb(110, 70, 90) }
```

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

Here you see how a box with a 4 pixel rgb(110, 70, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 70, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 70, 90);  
box-shadow:4px 4px 4px 4px rgb(110, 70,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 84.2400, 17.4200, 14.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 70, 90) }
```

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

```
.background{ background-color: rgb(110, 70,  
90) }
```

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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