

Converting Colors

YIQ(64.8330, 35.3440, 31.2800)

Have a look what the booklet for
YIQ(64.8330, 35.3440, 31.2800)
contains.

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Color

**YIQ(64.8330, 35.3440,
31.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	76234F
RGB	118, 35, 79
RGB Percent	46%, 14%, 31%
CMY	0.5370, 0.8629, 0.6901
CMYK	0.00, 0.70, 0.33, 0.54
HSL	328°, 54%, 30%
HSV	328°, 70%, 46%
XYZ	9.4913, 5.6205, 7.9869
YIQ	64.8330, 35.3440, 31.2800

Conversions

Conversions Part 2

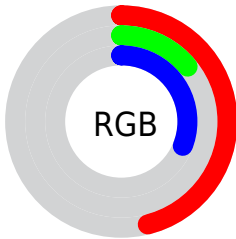
Format	Color
R_{YB}	118, 35, 79
Decimal	7742287
CIE _{Lab}	28.43, 40.44, -7.11
CIE _{LCh}	28, 41.064, 350.028
Yxy	5.6205, 0.4109, 0.2433
Android (android.graphics.Color)	4285932367 (0xFF76234F)
YUV	64.8330, 6.9843, 46.6275
Hunter-Lab	23.7076, 29.9739, -3.3791

Details

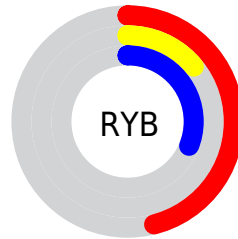
The YIQ color **64.8330, 35.3440, 31.2800** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **88.1670, -35.3440, -31.2800**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.8010, 38.3700, 31.5060**, and **23.7240, 28.1010, 24.8770** is the 20% darker color. If you saturate the color by 10%, you get **57.1050, 40.5700, 35.6900**, and if you desaturate by 10%, it is **72.5610, 30.1180, 26.8700**.

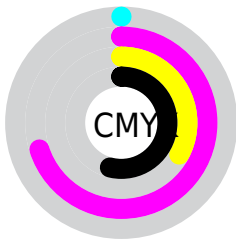
Distribution



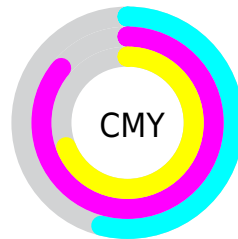
- Red (46%)
- Green (14%)
- Blue (31%)



- Red (46%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (70%)
- Yellow (33%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.8330, 35.3440, 31.2800 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 64.8330, 35.3440, 31.2800 by changing the saturation by 10% instead.

64.8330, 35.3440,
31.2800

64.8330, 35.3440,
31.2800

255.0000, -0.0000,
-0.0000

36.2400, 35.7560,
34.8280

116.8010, 38.3700,
31.5060

23.7240, 28.1010,
24.8770

143.3990, 39.5620,
31.9300

14.5240, 22.3720,
13.0600

170.9970, 40.7540,
32.3540

0.0000, 0.0000,
0.0000

197.3990, 39.5620,
31.9300

216.5540, 22.8280,
26.8280

235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

64.8330, 35.3440,
31.2800

64.8330, 35.3440,
31.2800

57.1050, 40.5700,
35.6900

72.5610, 30.1180,
26.8700

49.4910, 45.4750,
40.4110

80.1750, 25.2130,
22.1490

42.4640, 50.1050,
44.6090

87.3160, 20.2620,
18.2620

94.9300, 15.3570,
13.5410

102.6580, 10.1310,
9.1310

■ 110.2720, 5.2260,
4.4100

■ 118.0000, 0.0000,
-0.0000

■ 125.0270, -4.6300,
-4.1980

■ 132.7550, -9.8560,
-8.6080

Harmonies

Analogous

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



68.5940, 8.1560, 28.4120



64.8330, 35.3440, 31.2800



62.6800, 48.5960, 22.3880

Triad

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



64.8330, 35.3440, 31.2800



60.8020, 17.1520, -24.5120



60.0700, -58.9150, -6.0750

Complementary

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



64.8330, 35.3440, 31.2800



88.1670, -35.3440, -31.2800

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.



57.5790, -50.5230, -14.9950



64.8330, 35.3440, 31.2800



53.7900, -18.1050, -29.8250

Square

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



64.8330, 35.3440, 31.2800



63.6030, 37.1860, -13.1340



53.8170, -39.9300, -25.2580



58.2580, -62.0800, 1.7280

Rectangle

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



64.8330, 35.3440, 31.2800



63.4160, 48.9190, 11.0230



53.8170, -39.9300, -25.2580



59.7450, -56.6220, -9.0860

Sweetspot

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



64.8330, 35.3440, 31.2800



132.5060, 13.6150, 12.0710



56.1230, -3.3990, 34.0810



64.2340, 8.3890, 7.6610



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



64.8330, 35.3440, 31.2800



70.4370, 54.7350, 48.8070



60.1590, 48.5050, 18.5290



55.1360, 2.6130, 2.2050



43.8880, 51.8470, 46.0790



89.9120, 106.3070, 94.3630

Inverse Universe

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



64.8330, 35.3440, 31.2800



70.4370, 54.7350, 48.8070



92.8410, -48.5050, -18.5290



55.1360, 2.6130, 2.2050



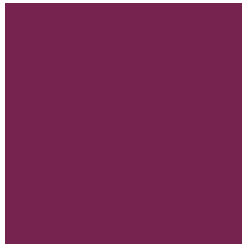
43.8880, 51.8470, 46.0790



89.9120, 106.3070, 94.3630

Previews

White Background



This preview shows how the YIQ color 64.8330, 35.3440, 31.2800 looks on a white background.

Color Contrast Check

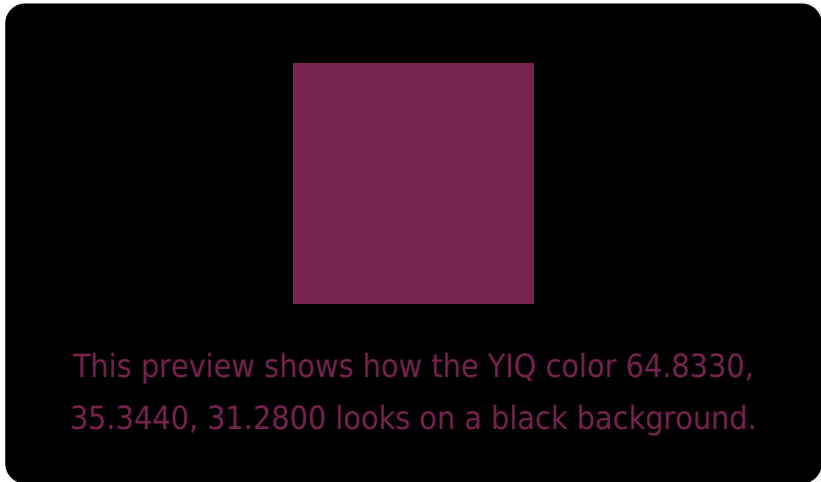
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.8330, 35.3440, 31.2800

Background



This preview shows how black text looks on a background with the YIQ color 64.8330, 35.3440, 31.2800.



This preview shows how white text looks on a background with the YIQ color 64.8330, 35.3440,

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

64.8330, 35.3440, 31.2800

Protanopia

67.8860, -16.8740, 8.4540

Deuteranopia

68.8200, 0.6870, 4.0710



Tritanopia

65.7560, 42.2700, 15.8860

Trichromacy



Original Color

64.8330, 35.3440, 31.2800

Protanomaly

66.5080, 2.1060, 16.9060

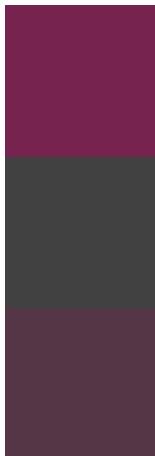
Deuteranomaly

67.5600, 13.5230, 13.7390

Tritanomaly

65.6620, 39.8390, 21.3990

Monochromacy



Original Color

64.8330, 35.3440, 31.2800

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.7940, 12.7440, 11.3360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.8330, 35.3440, 31.2800 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(118, 35, 79)` looks like.

```
.text, #text, p{  
    color:rgb(118, 35, 79)  
}
```

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(118, 35, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 35, 79) }
```

Border

The CSS property to change the border of an element to YIQ 64.8330, 35.3440, 31.2800 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(118, 35, 79) }
```


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

```
.border{ border-color:rgb(118, 35, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 35, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 35, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 35, 79);  
box-shadow:4px 4px 4px 4px rgb(118, 35,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 64.8330, 35.3440, 31.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 35, 79) }
```

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

```
.background{ background-color: rgb(118, 35,  
79) }
```

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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