

Converting Colors

YIQ(82.0930, 13.3400, 11.5480)

Have a look what the booklet for
YIQ(82.0930, 13.3400, 11.5480)
contains.

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Color

**YIQ(82.0930, 13.3400,
11.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	664757
RGB	102, 71, 87
RGB Percent	40%, 28%, 34%
CMY	0.5999, 0.7216, 0.6588
CMYK	0.00, 0.30, 0.15, 0.60
HSL	329°, 18%, 34%
HSV	329°, 30%, 40%
XYZ	9.4550, 8.0191, 10.0686
YIQ	82.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

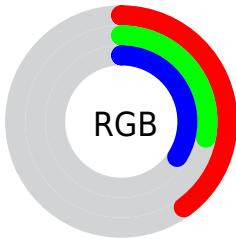
Format	Color
RYB	102, 71, 87
Decimal	6702935
CIELab	34.02, 16.06, -4.19
CIElCh	34, 16.598, 345.360
Yxy	8.0191, 0.3433, 0.2912
Android (android.graphics.Color)	4284893015 (0xFF664757)
YUV	82.0930, 2.4192, 17.4584
Hunter-Lab	28.3181, 10.0422, -1.2580

Details

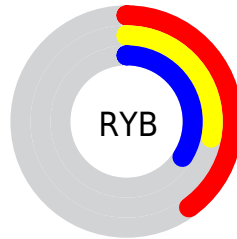
The YIQ color **82.0930, 13.3400, 11.5480** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.9070, -13.3400, -11.5480**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.1040, 14.8070, 12.4950**, and **36.7830, 11.2770, 10.3890** is the 20% darker color. If you saturate the color by 10%, you get **75.6530, 17.6950, 15.2230**, and if you desaturate by 10%, it is **88.5330, 8.9850, 7.8730**.

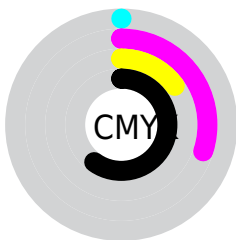
Distribution



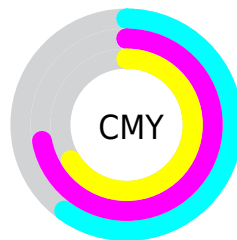
- Red (40%)
- Green (28%)
- Blue (34%)



- Red (40%)
- Yellow (28%)
- Blue (34%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (60%)



- Cyan (60%)
- Magenta (72%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.0930, 13.3400, 11.5480 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 82.0930, 13.3400, 11.5480 by changing the saturation by 10% instead.

■ 82.0930, 13.3400,
11.5480

■ 82.0930, 13.3400,
11.5480

255.0000, -0.0000,
-0.0000

■ 58.7940, 12.7440,
11.3360

■ 132.1040, 14.8070,
12.4950

■ 36.7830, 11.2770,
10.3890

■ 158.4030, 15.4030,
12.7070

■ 14.4350, 12.3770,
12.4810

■ 184.8160, 15.6780,
13.2300

■ 0.0000, 0.0000,
0.0000

■ 213.1150, 16.2740,
13.4420

■ 238.1250, 10.3140,
11.3220

■ 82.0930, 13.3400,
11.5480

■ 82.0930, 13.3400,
11.5480

■ 75.6530, 17.6950,
15.2230

■ 88.5330, 8.9850,
7.8730

■ 69.2130, 22.0500,
18.8980

■ 94.9730, 4.6300,
4.1980

■ 62.1860, 26.6800,
23.0960

■ 102.0000, -0.0000,
-0.0000

■ 55.7460, 31.0350,
26.7710

■ 108.4400, -4.3550,
-3.6750

■ 49.3060, 35.3900,
30.4460

■ 114.8800, -8.7100,
-7.3500

■ 42.8660, 39.7450,
34.1210

■ 121.3200,
-13.0650, -11.0250

■ 36.5400, 43.7790,
38.1070

■ 127.7600,
-17.4200, -14.7000

■ 134.6730,

-21.7290, -19.2090

■ 141.1130,
-26.0840, -22.8840

Harmonies

Analogous

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



81.6340, 1.5110, 11.1670



82.0930, 13.3400, 11.5480



81.5190, 20.7680, 9.0880

Triad

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



82.0930, 13.3400, 11.5480



78.2210, 9.2630, -8.1850



73.9130, -30.6720, -5.8080

Complementary

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



82.0930, 13.3400, 11.5480



90.9070, -13.3400, -11.5480

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.



73.1320, -27.0950, -10.0630



82.0930, 13.3400, 11.5480



77.1810, -2.4280, -11.0680

Square

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



82.0930, 13.3400, 11.5480



79.8740, 17.7900, -3.0260



75.2380, -15.7700, -11.5620



76.8370, -24.3460, 0.6940

Rectangle

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



82.0930, 13.3400, 11.5480



81.0690, 21.9150, 4.8190



75.2380, -15.7700, -11.5620



73.5600, -31.1760, -7.6880

Sweetspot

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



82.0930, 13.3400, 11.5480



125.2720, 5.2260, 4.4100



79.0190, -1.0110, 12.8210



61.5490, 2.8880, 2.7280



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



82.0930, 13.3400, 11.5480



101.5010, 21.1790, 18.1630



80.3830, 18.1550, 6.8830



47.8370, 2.0170, 1.9930



41.1110, 49.6010, 42.7290



86.6080, 104.1070, 90.1790

Inverse Universe

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



82.0930, 13.3400, 11.5480



101.5010, 21.1790, 18.1630



92.7310, -18.4760, -6.5720



47.8370, 2.0170, 1.9930



41.1110, 49.6010, 42.7290



86.6080, 104.1070, 90.1790

Previews

White Background



This preview shows how the YIQ color 82.0930, 13.3400, 11.5480 looks on a white background.

Color Contrast Check

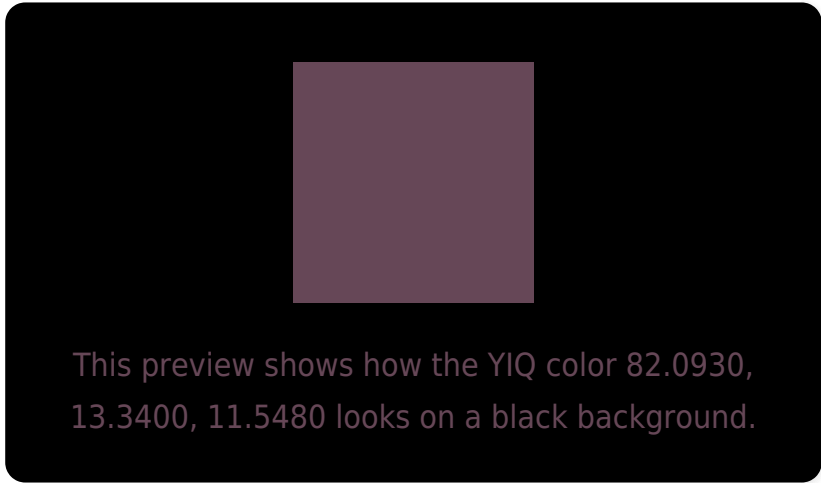
Large Text (above 18pt) WCAG AA ✓ Pass

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

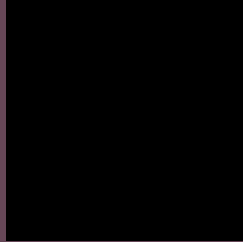
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.0930, 13.3400, 11.5480

Background



This preview shows how black text looks on a background with the YIQ color 82.0930, 13.3400, 11.5480.



This preview shows how white text looks on a background with the YIQ color 82.0930, 13.3400,

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

82.0930, 13.3400, 11.5480

Protanopia

80.8840, -5.3650, 3.6190

Deuteranopia

81.3040, 2.2000, 4.1840



Tritanopia

81.9420, 15.0830, 7.4910

Trichromacy



Original Color

82.0930, 13.3400, 11.5480

Protanomaly

81.5860, 1.4660, 6.4740

Deuteranomaly

81.3370, 6.6010, 7.0250

Tritanomaly

81.6970, 14.3950, 8.9470

Monochromacy



Original Color

82.0930, 13.3400, 11.5480

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.9730, 4.6300, 4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.0930, 13.3400, 11.5480 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(102, 71, 87)` looks like.

```
.text, #text, p{  
    color:rgb(102, 71, 87)  
}
```

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(102, 71, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 71, 87) }
```

Border

The CSS property to change the border of an element to YIQ 82.0930, 13.3400, 11.5480 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(102, 71, 87) }
```


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

```
.border{ border-color:rgb(102, 71, 87) }
```

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

Here you see how a box with a 4 pixel rgb(102, 71, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 71, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 71, 87);  
box-shadow:4px 4px 4px 4px rgb(102, 71,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 82.0930, 13.3400, 11.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 71, 87) }
```

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

```
.background{ background-color: rgb(102, 71,  
87) }
```

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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