

Converting Colors

YIQ(41.6800, 13.0650, 11.0250)

Have a look what the booklet for
YIQ(41.6800, 13.0650, 11.0250)
contains.

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Color

**YIQ(41.6800, 13.0650,
11.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1F2E
RGB	61, 31, 46
RGB Percent	24%, 12%, 18%
CMY	0.7607, 0.8785, 0.8196
CMYK	0.00, 0.49, 0.25, 0.76
HSL	330°, 33%, 18%
HSV	330°, 49%, 24%
XYZ	2.9087, 2.1694, 2.8513
YIQ	41.6800, 13.0650, 11.0250

Conversions

Conversions Part 2

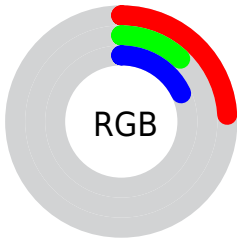
Format	Color
RYB	61, 31, 46
Decimal	4005678
CIELab	16.35, 16.95, -3.61
CIELCh	16, 17.327, 347.970
Yxy	2.1694, 0.3668, 0.2736
Android (android.graphics.Color)	4282195758 (0xFF3D1F2E)
YUV	41.6800, 2.1298, 16.9436
Hunter-Lab	14.7289, 9.4755, -1.1673

Details

The YIQ color **41.6800, 13.0650, 11.0250** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.3200, -13.0650, -11.0250**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.6910, 14.5320, 11.9720**, and **0.8970, 1.7880, 0.6360** is the 20% darker color. If you saturate the color by 10%, you get **37.8160, 15.6780, 13.2300**, and if you desaturate by 10%, it is **45.5440, 10.4520, 8.8200**.

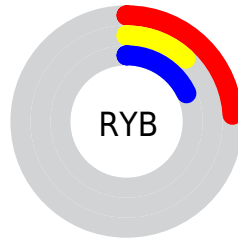
Distribution



 Red (24%)

 Green (12%)

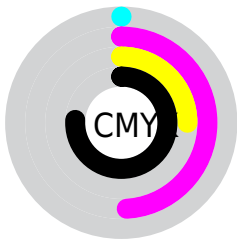
 Blue (18%)



 Red (24%)

 Yellow (12%)

 Blue (18%)

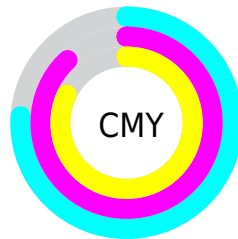


 Cyan (0%)

 Magenta (49%)

 Yellow (25%)

 Black (76%)



 Cyan (76%)

 Magenta (88%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.6800, 13.0650, 11.0250 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 41.6800, 13.0650, 11.0250 by changing the saturation by 10% instead.

■ 41.6800, 13.0650,
11.0250

■ 41.6800, 13.0650,
11.0250

■ 255.0000, -0.0000,
-0.0000

■ 20.3810, 12.4690,
10.8130

■ 87.6910, 14.5320,
11.9720

■ 0.8970, 1.7880,
0.6360

■ 112.2890, 15.7240,
12.3960

■ 0.0000, 0.0000,
0.0000

■ 138.0010, 16.5950,
13.1310

■ 164.3000, 17.1910,
13.3430

■ 191.5990, 17.7870,
13.5550

■ 219.0120, 18.0620,

14.0780

242.3310, 6.7380,
10.0500

41.6800, 13.0650,
11.0250

41.6800, 13.0650,
11.0250

37.8160, 15.6780,
13.2300

45.5440, 10.4520,
8.8200

33.9520, 18.2910,
15.4350

49.4080, 7.8390,
6.6150

30.0880, 20.9040,
17.6400

53.2720, 5.2260,
4.4100

26.2240, 23.5170,
19.8450

57.1360, 2.6130,
2.2050

21.7730, 26.4050,
22.5730

61.0000, 0.0000,
-0.0000

■ 65.4510, -2.8880,
-2.7280

■ 69.3150, -5.5010,
-4.9330

■ 73.1790, -8.1140,
-7.1380

■ 77.0430, -10.7270,
-9.3430

Harmonies

Analogous

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



41.7050, 2.7490, 10.7570



41.6800, 13.0650, 11.0250



41.2090, 18.7050, 7.9290

Triad

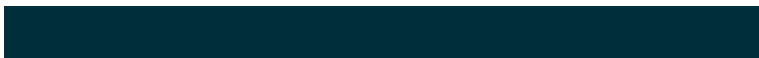
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.6800, 13.0650, 11.0250



38.7370, 7.7500, -8.2980



33.6140, -31.2680, -6.0200

Complementary

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



41.6800, 13.0650, 11.0250



50.3200, -13.0650, -11.0250

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.



33.0610, -28.3330, -9.6530



41.6800, 13.0650, 11.0250



37.1100, -3.6660, -10.6580

Square

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



41.6800, 13.0650, 11.0250



39.6780, 15.4060, -3.8740



33.9710, -19.3920, -12.0000



34.9290, -27.6010, -0.8890

Rectangle

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



41.6800, 13.0650, 11.0250



40.2860, 19.8060, 4.4940



33.9710, -19.3920, -12.0000



33.2720, -30.3050, -6.9530

Sweetspot

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



41.6800, 13.0650, 11.0250



71.2720, 5.2260, 4.4100



38.9050, -0.6900, 12.5100



35.8480, 3.4840, 2.9400



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



41.6800, 13.0650, 11.0250



48.7890, 20.3080, 17.4280



39.9700, 17.8800, 6.3600



29.0110, 1.4670, 0.9470



33.4640, 40.9370, 34.5450



79.0320, 96.6810, 81.5850

Inverse Universe

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



41.6800, 13.0650, 11.0250



48.7890, 20.3080, 17.4280



52.0300, -17.8800, -6.3600



29.0110, 1.4670, 0.9470



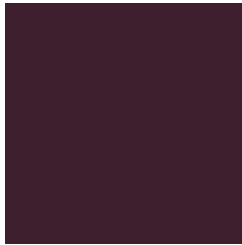
33.4640, 40.9370, 34.5450



79.0320, 96.6810, 81.5850

Previews

White Background



This preview shows how the YIQ color 41.6800, 13.0650, 11.0250 looks on a white background.

Color Contrast Check

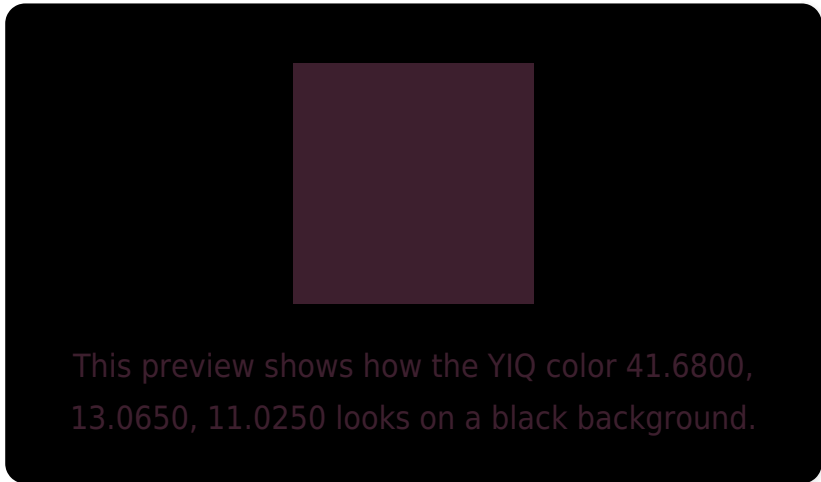
Large Text (above 18pt) WCAG AA ✓ Pass

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

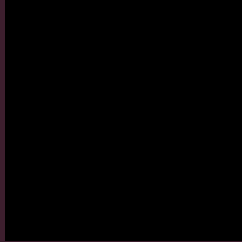
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.6800, 13.0650, 11.0250

Background



This preview shows how black text looks on a background with the YIQ color 41.6800, 13.0650, 11.0250.



This preview shows how white text looks on a background with the YIQ color 41.6800, 13.0650,

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

41.6800, 13.0650, 11.0250

Protanopia

41.3570, -5.3190, 2.7850

Deuteranopia

41.7660, 0.7790, 2.4030



Tritanopia

41.3010, 15.4500, 6.3460

Trichromacy



Original Color

41.6800, 13.0650, 11.0250

Protanomaly

41.1730, 1.1910, 5.9510

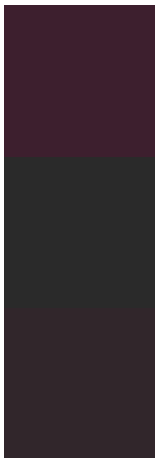
Deuteranomaly

41.7990, 5.1800, 5.2440

Tritanomaly

41.1700, 14.4410, 8.1130

Monochromacy



Original Color

41.6800, 13.0650, 11.0250

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.8590, 4.9510, 3.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.6800, 13.0650, 11.0250 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(61, 31, 46)` looks like.

```
.text, #text, p{  
    color:rgb(61, 31, 46)  
}
```

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(61, 31, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 31, 46) }
```

Border

The CSS property to change the border of an element to YIQ 41.6800, 13.0650, 11.0250 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(61, 31, 46) }
```


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

```
.border{ border-color:rgb(61, 31, 46) }
```

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

Here you see how a box with a 4 pixel rgb(61, 31, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 31, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 31, 46);  
box-shadow:4px 4px 4px 4px rgb(61, 31, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.6800, 13.0650, 11.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 31, 46) }
```

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

```
.background{ background-color: rgb(61, 31,  
46) }
```

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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