

Converting Colors

YIQ(40.0650, 1.3750, 2.6150)

Have a look what the booklet for
YIQ(40.0650, 1.3750, 2.6150)
contains.

YIQ(40.0650, 1.3750, 2.6150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

YIQ(40.0650, 1.3750, 2.6150)

Conversions

Conversions Part 1

Format	Color
Hex	2B262B
RGB	43, 38, 43
RGB Percent	17%, 15%, 17%
CMY	0.8314, 0.8510, 0.8314
CMYK	0.00, 0.12, 0.00, 0.83
HSL	300°, 6%, 16%
HSV	300°, 12%, 17%
XYZ	2.1255, 2.0742, 2.5739
YIQ	40.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

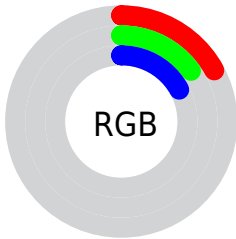
Format	Color
RYB	43, 38, 43
Decimal	2827819
CIELab	15.87, 3.49, -2.45
CIElCh	16, 4.262, 324.951
Yxy	2.0742, 0.3138, 0.3062
Android (android.graphics.Color)	4281017899 (0xFF2B262B)
YUV	40.0650, 1.4470, 2.5740
Hunter-Lab	14.4020, 1.1403, -0.5146

Details

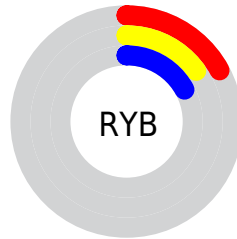
The YIQ color **40.0650, 1.3750, 2.6150** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40.9350, -1.3750, -2.6150**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **85.0650, 1.3750, 2.6150**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.7170, 2.4750, 4.7070**, and if you desaturate by 10%, it is **42.4130, 0.2750, 0.5230**.

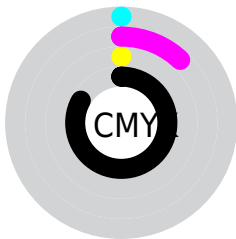
Distribution



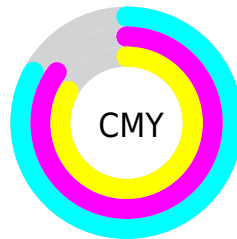
- Red (17%)
- Green (15%)
- Blue (17%)



- Red (17%)
- Yellow (15%)
- Blue (17%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (83%)



- Cyan (83%)
- Magenta (85%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.0650, 1.3750, 2.6150 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 40.0650, 1.3750, 2.6150 by changing the saturation by 10% instead.

■ 40.0650, 1.3750,
2.6150

■ 40.0650, 1.3750,
2.6150

■ 255.0000, -0.0000,
-0.0000

■ 19.4780, 1.6500,
3.1380

■ 85.0650, 1.3750,
2.6150

■ 0.0000, 0.0000,
0.0000

■ 109.4780, 1.6500,
3.1380

■ 134.4780, 1.6500,
3.1380

■ 160.7770, 2.2460,
3.3500

■ 187.8910, 1.9250,
3.6610

■ 215.4780, 1.6500,

3.1380

243.8910, 1.9250,
3.6610

40.0650, 1.3750,
2.6150

40.0650, 1.3750,
2.6150

37.7170, 2.4750,
4.7070

42.4130, 0.2750,
0.5230

34.7820, 3.8500,
7.3220

45.3480, -1.1000,
-2.0920

32.4340, 4.9500,
9.4140

47.6960, -2.2000,
-4.1840

30.0860, 6.0500,
11.5060

50.0440, -3.3000,
-6.2760

27.1510, 7.4250,
14.1210

52.9790, -4.6750,
-8.8910

■ 24.8030, 8.5250,
16.2130

■ 55.3270, -5.7750,
-10.9830

■ 22.4550, 9.6250,
18.3050

■ 57.6750, -6.8750,
-13.0750

■ 20.1070, 10.7250,
20.3970

■ 60.0230, -7.9750,
-15.1670

■ 17.7590, 11.8250,
22.4890

■ 62.9580, -9.3500,
-17.7820

Harmonies

Analogous

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



39.6840, -1.9260, 1.8660



40.0650, 1.3750, 2.6150



39.7340, 3.8050, 2.6290

Triad

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



40.0650, 1.3750, 2.6150



39.6260, 3.9890, -0.7070



38.4230, -5.6850, -1.5970

Complementary

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



40.0650, 1.3750, 2.6150



40.9350, -1.3750, -2.6150

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.



38.3800, -4.1260, -2.3180



40.0650, 1.3750, 2.6150



39.0170, 1.3300, -2.0780

Square

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



40.0650, 1.3750, 2.6150



39.7510, 5.1350, 0.5510



38.9350, -1.3750, -2.6150



38.9500, -5.7310, -0.7630

Rectangle

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



40.0650, 1.3750, 2.6150



39.8050, 5.0430, 2.2190



38.9350, -1.3750, -2.6150



38.3090, -5.3640, -1.9080

Sweetspot

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



40.0650, 1.3750, 2.6150



54.8260, 0.5500, 1.0460



38.5700, -1.6050, 1.5550



27.4130, 0.2750, 0.5230



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



40.0650, 1.3750, 2.6150



51.3040, 2.2000, 4.1840



39.8370, 2.0170, 1.9930



18.8260, 0.5500, 1.0460



34.6920, 23.1000, 43.9320



87.5560, 58.3000, 110.8760

Inverse Universe

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



40.0650, 1.3750, 2.6150



51.3040, 2.2000, 4.1840



41.2770, -2.3380, -1.6820



18.8260, 0.5500, 1.0460



34.6920, 23.1000, 43.9320



87.5560, 58.3000, 110.8760

Previews

White Background



This preview shows how the YIQ color 40.0650, 1.3750, 2.6150 looks on a white background.

Color Contrast Check

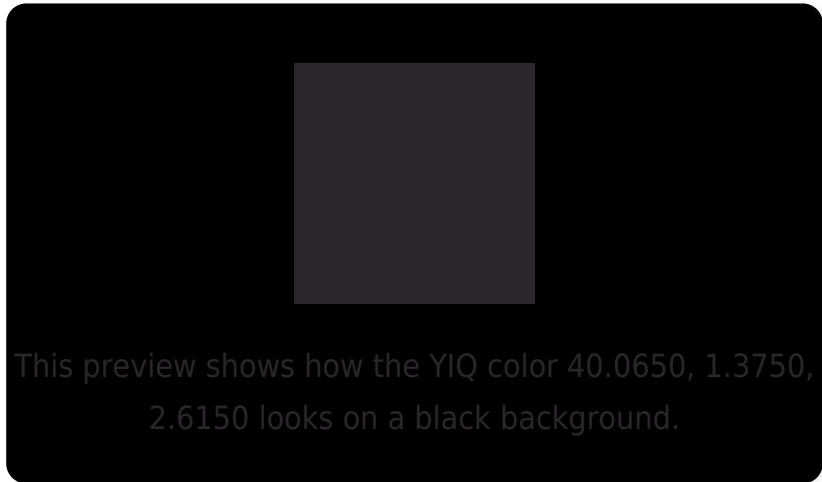
Large Text (above 18pt) WCAG AA ✓ Pass

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

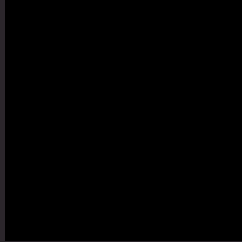
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.0650, 1.3750, 2.6150

Background



This preview shows how black text looks on a background with the YIQ color 40.0650, 1.3750, 2.6150.



This preview shows how white text looks on a background with the YIQ color 40.0650, 1.3750, 2.6150.

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

40.0650, 1.3750, 2.6150

Protanopia

39.5700, -1.6050, 1.5550

Deuteranopia

39.7660, 0.7790, 2.4030



Tritanopia

39.8370, 2.0170, 1.9930

Trichromacy



Original Color

40.0650, 1.3750, 2.6150

Protanomaly

39.8690, -1.0090, 1.7670

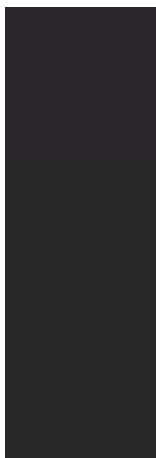
Deuteranomaly

39.7660, 0.7790, 2.4030

Tritanomaly

39.9510, 1.6960, 2.3040

Monochromacy



Original Color

40.0650, 1.3750, 2.6150

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.0650, 1.3750, 2.6150 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(43, 38, 43)` looks like.

```
.text, #text, p{  
    color:rgb(43, 38, 43)  
}
```

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(43, 38, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 38, 43) }
```

Border

The CSS property to change the border of an element to YIQ 40.0650, 1.3750, 2.6150 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(43, 38, 43) }
```

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

```
.border{ border-color:rgb(43, 38, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 38, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 38, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 38, 43);  
box-shadow:4px 4px 4px 4px rgb(43, 38, 43)  
}
```


Background

The CSS property to change the background color of an element to YIQ 40.0650, 1.3750, 2.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 38, 43) }
```

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

```
.background{ background-color: rgb(43, 38,  
43) }
```

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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