

Converting Colors

YIQ(38.8640, -2.6130, -2.2050)

Have a look what the booklet for
YIQ(38.8640, -2.6130, -2.2050)
contains.

YIQ(38.8640, -2.6130, -2.2050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(38.8640, -2.6130,
-2.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	232926
RGB	35, 41, 38
RGB Percent	14%, 16%, 15%
CMY	0.8628, 0.8392, 0.8510
CMYK	0.15, 0.00, 0.07, 0.84
HSL	150°, 8%, 15%
HSV	150°, 15%, 16%
XYZ	1.8358, 2.0832, 2.1389
YIQ	38.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

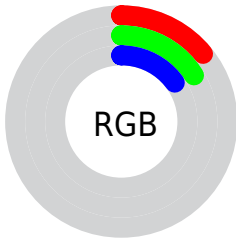
Format	Color
R_{YB}	35, 39, 41
Decimal	2304294
CIE Lab	15.92, -3.42, 1.07
CIE LCh	16, 3.587, 162.695
Yxy	2.0832, 0.3030, 0.3439
Android (android.graphics.Color)	4280494374 (0xFF232926)
YUV	38.8640, -0.4260, -3.3887
Hunter-Lab	14.4334, -2.5543, 1.3172

Details

The YIQ color **38.8640, -2.6130, -2.2050** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37.1360, 2.6130, 2.2050**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.5650, -3.2090, -2.4170**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.4400, -4.3550, -3.6750**, and if you desaturate by 10%, it is **40.2880, -0.8710, -0.7350**.

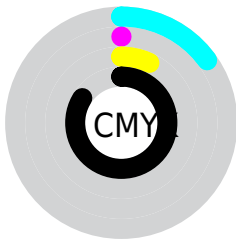
Distribution



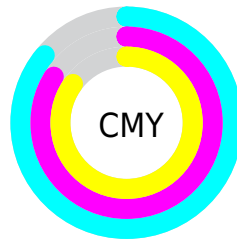
- Red (14%)
- Green (16%)
- Blue (15%)



- Red (14%)
- Yellow (15%)
- Blue (16%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (84%)



- Cyan (86%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.8640, -2.6130, -2.2050 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 38.8640, -2.6130, -2.2050 by changing the saturation by 10% instead.

■ 38.8640, -2.6130,
-2.2050

■ 38.8640, -2.6130,
-2.2050

■ 255.0000, -0.0000,
-0.0000

■ 18.4510, -2.8880,
-2.7280

■ 83.5650, -3.2090,
-2.4170

■ 0.0000, 0.0000,
0.0000

■ 107.5650, -3.2090,
-2.4170

■ 133.1520, -3.4840,
-2.9400

■ 159.1520, -3.4840,
-2.9400

■ 186.1520, -3.4840,
-2.9400

■ 214.1520, -3.4840,

-2.9400

■ 242.1520, -3.4840,
-2.9400

■ 38.8640, -2.6130,
-2.2050

■ 38.8640, -2.6130,
-2.2050

■ 37.4400, -4.3550,
-3.6750

■ 40.2880, -0.8710,
-0.7350

■ 36.0160, -6.0970,
-5.1450

■ 41.7120, 0.8710,
0.7350

■ 34.5920, -7.8390,
-6.6150

■ 43.1360, 2.6130,
2.2050

■ 33.1680, -9.5810,
-8.0850

■ 44.5600, 4.3550,
3.6750

■ 31.4450, -11.9190,
-9.7670

■ 45.9840, 6.0970,
5.1450

■ 30.0210, -13.6610,
-11.2370

■ 47.7070, 8.4350,
6.8270

■ 28.5970, -15.4030,
-12.7070

■ 49.1310, 10.1770,
8.2970

■ 27.1730, -17.1450,
-14.1770

■ 50.5550, 11.9190,
9.7670

■ 26.3470, -17.6950,
-15.2230

■ 51.9790, 13.6610,
11.2370

Harmonies

Analogous

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



39.5330, -0.1830, -2.1910



38.8640, -2.6130, -2.2050



38.6080, -4.7680, -1.6960

Triad

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



38.8640, -2.6130, -2.2050



39.3850, -2.5220, 1.6540



39.8650, 4.8140, 0.8620

Complementary

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



38.8640, -2.6130, -2.2050



37.1360, 2.6130, 2.2050

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.



40.2070, 3.8510, 1.7950



38.8640, -2.6130, -2.2050



40.0540, -0.0920, 1.6680

Square

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



38.8640, -2.6130, -2.2050



38.9610, -4.2640, 0.1840



40.1360, 2.6130, 2.2050



39.7400, 3.6680, -0.3960

Rectangle

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



38.8640, -2.6130, -2.2050



38.7220, -5.0890, -1.3850



40.1360, 2.6130, 2.2050



39.9790, 4.4930, 1.1730

Sweetspot

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



38.8640, -2.6130, -2.2050



52.8750, -1.1460, -1.2580



39.4190, 0.1380, -2.5020



27.5870, -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.



38.8640, -2.6130, -2.2050



50.4400, -4.3550, -3.6750



39.2060, -3.5760, -1.2720



19.2880, -0.8710, -0.7350



54.0960, -36.5820, -30.8700



136.5280, -92.3260, -77.9100

Inverse Universe

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



37.1360, 2.6130, 2.2050



47.5600, 4.3550, 3.6750



36.7940, 3.5760, 1.2720



18.7120, 0.8710, 0.7350



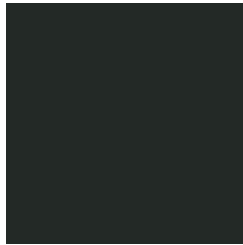
29.9040, 36.5820, 30.8700



75.4720, 92.3260, 77.9100

Previews

White Background



This preview shows how the YIQ color 38.8640, -2.6130, -2.2050 looks on a white background.

Color Contrast Check

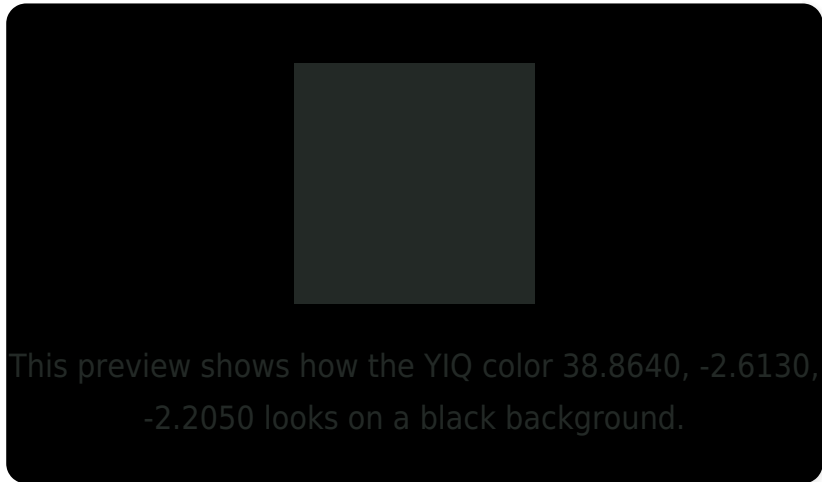
Large Text (above 18pt) WCAG AA ✓ Pass

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

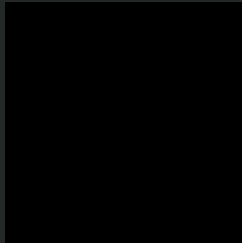
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.8640, -2.6130, -2.2050

Background



This preview shows how black text looks on a background with the YIQ color 38.8640, -2.6130, -2.2050.



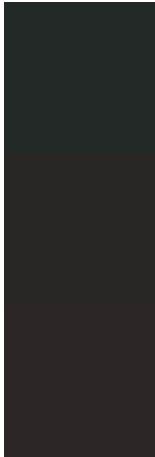
This preview shows how white text looks on a background with the YIQ color 38.8640, -2.6130, -2.2050.

-2.2050.

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

38.8640, -2.6130, -2.2050

Protanopia

39.3700, 1.8340, -0.1980

Deuteranopia

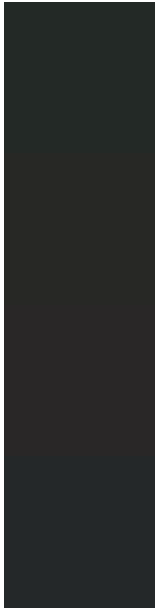
39.9080, 3.2550, 1.5830



Tritanopia

39.1460, -3.3470, 0.0850

Trichromacy



Original Color

38.8640, -2.6130, -2.2050

Protanomaly

39.3590, 0.3670, -1.1450

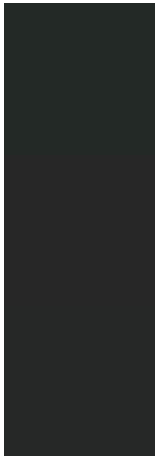
Deuteranomaly

39.5980, 1.1920, 0.4240

Tritanomaly

38.9180, -2.7050, -0.5370

Monochromacy



Original Color

38.8640, -2.6130, -2.2050

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.2880, -0.8710, -0.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.8640, -2.6130, -2.2050 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(35, 41, 38)` looks like.

```
.text, #text, p{  
    color:rgb(35, 41, 38)  
}
```

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(35, 41, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 41, 38) }
```

Border

The CSS property to change the border of an element to YIQ 38.8640, -2.6130, -2.2050 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(35, 41, 38) }
```


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

```
.border{ border-color:rgb(35, 41, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 41, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 41, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 41, 38);  
box-shadow:4px 4px 4px 4px rgb(35, 41, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.8640, -2.6130, -2.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 41, 38) }
```

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

```
.background{ background-color: rgb(35, 41,  
38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor