

Converting Colors

YIQ(40.3850, -28.8850, 0.3550)

Have a look what the booklet for
YIQ(40.3850, -28.8850, 0.3550)
contains.

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Color

**YIQ(40.3850, -28.8850,
0.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	0D3049
RGB	13, 48, 73
RGB Percent	5%, 19%, 29%
CMY	0.9491, 0.8117, 0.7139
CMYK	0.82, 0.34, 0.00, 0.71
HSL	205°, 70%, 17%
HSV	205°, 82%, 29%
XYZ	2.4247, 2.6811, 6.6871
YIQ	40.3850, -28.8850, 0.3550

Conversions

Conversions Part 2

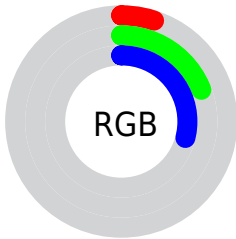
Format	Color
R_{YB}	13, 35, 73
Decimal	864329
CIE _{Lab}	18.72, -2.46, -19.05
CIE _{LCh}	19, 19.206, 262.643
Yxy	2.6811, 0.2056, 0.2273
Android (android.graphics.Color)	4279054409 (0xFF0D3049)
YUV	40.3850, 16.0792, -24.0166
Hunter-Lab	16.3742, -2.2219, -12.7517

Details

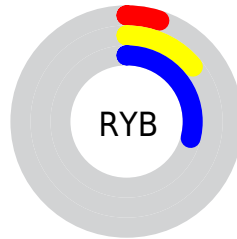
The YIQ color **40.3850, -28.8850, 0.3550** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **45.6150, 28.8850, -0.3550**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **88.5210, -26.2720, 2.5600**, and **4.5940, -10.1800, 8.2840** is the 20% darker color. If you saturate the color by 10%, you get **36.5310, -32.2320, 0.4400**, and if you desaturate by 10%, it is **44.2390, -25.5380, 0.2700**.

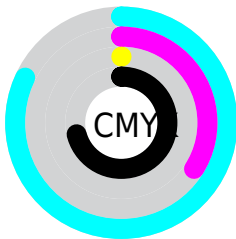
Distribution



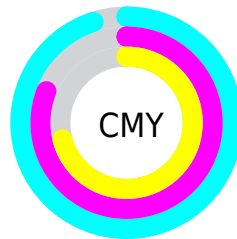
- Red (5%)
- Green (19%)
- Blue (29%)



- Red (5%)
- Yellow (14%)
- Blue (29%)



- Cyan (82%)
- Magenta (34%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (81%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.3850, -28.8850, 0.3550 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 40.3850, -28.8850, 0.3550 by changing the saturation by 10% instead.

■ 40.3850, -28.8850,
0.3550

■ 40.3850, -28.8850,
0.3550

■ 254.7010, -0.5960,
-0.2120

■ 21.5490, -23.4750,
1.4290

■ 88.5210, -26.2720,
2.5600

■ 4.4800, -9.8590,
7.9730

■ 113.0480,
-26.3180, 3.3940

■ 0.0000, 0.0000,
0.0000

■ 139.0480,
-26.3180, 3.3940

■ 165.8630,
-27.2350, 3.4930

■ 192.9770,
-27.5560, 3.8040

■ 220.6350,

-26.5930, 2.8710

■ 245.4430,
-17.6050, -5.8370

■ 40.3850, -28.8850,
0.3550

■ 40.3850, -28.8850,
0.3550

■ 36.5310, -32.2320,
0.4400

■ 44.2390, -25.5380,
0.2700

■ 33.5630, -35.2580,
0.2140

■ 48.3920, -21.5950,
0.3970

■ 52.2460, -18.2480,
0.3120

■ 56.1000, -14.9010,
0.2270

■ 59.9540, -11.5540,
0.1420

■ 64.1070, -7.6110,
0.2690

■ 67.9610, -4.2640,
0.1840

■ 71.8150, -0.9170,
0.0990

■ 75.9680, 3.0260,
0.2260

Harmonies

Analogous

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



37.5750, -35.5320, -5.8360



40.3850, -28.8850, 0.3550



45.5940, -10.1800, 8.2840

Triad

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



40.3850, -28.8850, 0.3550



46.1770, 21.7310, 8.1550



41.2020, -6.9210, -12.2410

Complementary

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



40.3850, -28.8850, 0.3550



45.6150, 28.8850, -0.3550

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.



43.1990, 6.3290, -10.0790



40.3850, -28.8850, 0.3550



45.6620, 21.5030, 1.2710

Square

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



40.3850, -28.8850, 0.3550



46.5880, 16.3200, 12.6080



44.8090, 16.4150, -5.6410



36.2090, -25.9940, -13.4980

Rectangle

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



40.3850, -28.8850, 0.3550



47.1500, -0.0020, 11.0540



44.8090, 16.4150, -5.6410



41.9530, -1.7860, -11.6900

Sweetspot

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



40.3850, -28.8850, 0.3550



81.8400, -11.2330, -0.1690



50.9560, -24.2040, -23.9160



40.2920, -6.6940, 0.1700



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



40.3850, -28.8850, 0.3550



43.3000, -44.7030, 0.6810



23.3620, -20.9100, 15.5220



33.6300, -1.8340, 0.1980



45.3320, -47.7290, 0.4550



103.9490, -109.4420, 1.0380

Inverse Universe

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



34.9300, 24.5250, 23.6050



34.9630, 38.0940, 36.5100



62.6380, 20.9100, -15.5220



33.4240, 1.7420, 1.4700



36.2130, 40.3860, 39.0260



83.0350, 92.5990, 89.4870

Previews

White Background



This preview shows how the YIQ color 40.3850, -28.8850, 0.3550 looks on a white background.

Color Contrast Check

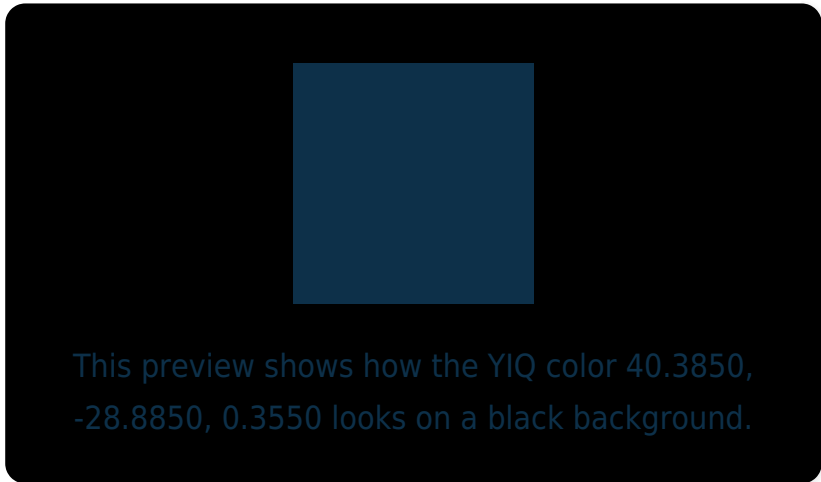
Large Text (above 18pt) WCAG AA ✓ Pass

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

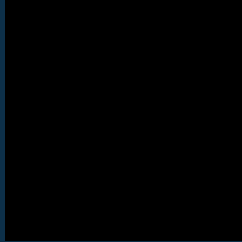
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.3850, -28.8850, 0.3550

Background



This preview shows how black text looks on a background with the YIQ color 40.3850, -28.8850, 0.3550.



This preview shows how white text looks on a background with the YIQ color 40.3850, -28.8850,

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

40.3850, -28.8850, 0.3550

Protanopia

45.4580, -12.7930, 6.0790

Deuteranopia

44.2940, -18.2030, 5.0050



Tritanopia

36.2070, -31.6800, -9.5680

Trichromacy



Original Color

40.3850, -28.8850, 0.3550

Protanomaly

43.4680, -18.7530, 3.9590

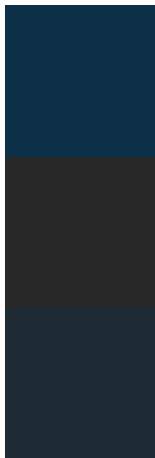
Deuteranomaly

43.0870, -22.0540, 3.2100

Tritanomaly

37.9130, -30.6720, -5.8080

Monochromacy



Original Color

40.3850, -28.8850, 0.3550

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.1390, -10.6370, 0.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.3850, -28.8850, 0.3550 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(13, 48, 73)` looks like.

```
.text, #text, p{  
    color:rgb(13, 48, 73)  
}
```

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(13, 48, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 48, 73) }
```

Border

The CSS property to change the border of an element to YIQ 40.3850, -28.8850, 0.3550 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(13, 48, 73) }
```


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

```
.border{ border-color:rgb(13, 48, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 48, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 48, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 48, 73);  
box-shadow:4px 4px 4px 4px rgb(13, 48, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.3850, -28.8850, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 48, 73) }
```

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

```
.background{ background-color: rgb(13, 48,  
73) }
```

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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