

Converting Colors

YIQ(38.8560, -34.5250, 3.4510)

Have a look what the booklet for
YIQ(38.8560, -34.5250, 3.4510)
contains.

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Color

**YIQ(38.8560, -34.5250,
3.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	082E53
RGB	8, 46, 83
RGB Percent	3%, 18%, 33%
CMY	0.9687, 0.8195, 0.6747
CMYK	0.90, 0.45, 0.00, 0.67
HSL	210°, 82%, 18%
HSV	210°, 90%, 33%
XYZ	2.6372, 2.6306, 8.5438
YIQ	38.8560, -34.5250, 3.4510

Conversions

Conversions Part 2

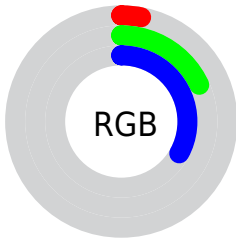
Format	Color
R_{YB}	8, 33, 83
Decimal	536147
CIE _{Lab}	18.50, 2.67, -26.14
CIE _{LCh}	18, 26.278, 275.823
Yxy	2.6306, 0.1909, 0.1905
Android (android.graphics.Color)	4278726227 (0xFF082E53)
YUV	38.8560, 21.7630, -27.0607
Hunter-Lab	16.2192, 0.6404, -19.8788

Details

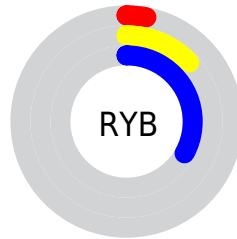
The YIQ color **38.8560, -34.5250, 3.4510** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **52.1440, 34.5250, -3.4510**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.0140, -28.9780, 7.5500**, and **5.5060, -12.7480, 10.7720** is the 20% darker color. If you saturate the color by 10%, you get **34.1160, -38.1930, 3.8470**, and if you desaturate by 10%, it is **43.5960, -30.8570, 3.0550**.

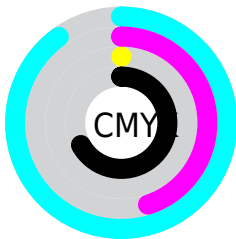
Distribution



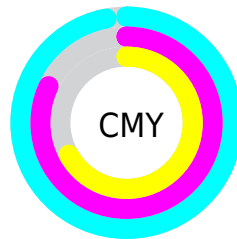
- Red (3%)
- Green (18%)
- Blue (33%)



- Red (3%)
- Yellow (13%)
- Blue (33%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.8560, -34.5250, 3.4510 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 38.8560, -34.5250, 3.4510 by changing the saturation by 10% instead.

■ 38.8560, -34.5250,
3.4510

■ 38.8560, -34.5250,
3.4510

■ 255.0000, -0.0000,
-0.0000

■ 22.1020, -26.4100,
5.0620

■ 88.0140, -28.9780,
7.5500

■ 5.5060, -12.7480,
10.7720

■ 113.4270,
-28.7030, 8.0730

■ 2.2970, -5.0900,
4.1420

■ 138.9540,
-28.7490, 8.9070

■ 0.0000, 0.0000,
0.0000

■ 166.0680,
-29.0700, 9.2180

■ 193.1820,
-29.3910, 9.5290

■ 219.4720,

-24.5760, 4.8640

■ 244.5790,
-14.9920, -3.6320

■ 38.8560, -34.5250,
3.4510

■ 38.8560, -34.5250,
3.4510

■ 34.1160, -38.1930,
3.8470

■ 43.5960, -30.8570,
3.0550

■ 48.6350, -26.5930,
2.8710

■ 53.3750, -22.9250,
2.4750

■ 58.1150, -19.2570,
2.0790

■ 62.8550, -15.5890,
1.6830

■ 68.4810, -11.6000,
0.9760

■ 73.2210, -7.9320,
0.5800

■ 77.9610, -4.2640,
0.1840

■ 83.0000, -0.0000,
0.0000

Harmonies

Analogous

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



39.0570, -39.7050, -1.7930



38.8560, -34.5250, 3.4510



46.2190, -4.4500, 14.5740

Triad

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



38.8560, -34.5250, 3.4510



43.9560, 29.6630, 7.5750



34.4170, -23.8840, -18.7000

Complementary

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



38.8560, -34.5250, 3.4510



52.1440, 34.5250, -3.4510

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.



40.1720, 1.7910, -15.9450



38.8560, -34.5250, 3.4510



43.1370, 27.2350, -3.4930

Square

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



38.8560, -34.5250, 3.4510



44.2580, 26.1770, 15.6890



42.0770, 18.2960, -12.2000



37.1700, -30.2580, -13.3140

Rectangle

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



38.8560, -34.5250, 3.4510



46.7430, 8.7540, 17.5700



42.0770, 18.2960, -12.2000



37.0330, -13.9350, -17.2870

Sweetspot

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



38.8560, -34.5250, 3.4510



90.1110, -13.4340, 1.1740



56.1290, -32.1810, -28.0290



43.3350, -8.2530, 0.8910



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



38.8560, -34.5250, 3.4510



43.8960, -49.1970, 5.0350



17.1370, -24.3500, 22.8020



38.6300, -1.8340, 0.1980



43.0810, -48.2800, 4.9360



95.7140, -106.9220, 10.4380

Inverse Universe

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



34.7570, 32.5020, 27.7180



38.1490, 46.4380, 39.4780



73.8630, 24.3500, -22.8020



38.4240, 1.7420, 1.4700



37.4370, 45.5670, 38.7430



82.8200, 100.3940, 85.8820

Previews

White Background



This preview shows how the YIQ color 38.8560, -34.5250, 3.4510 looks on a white background.

Color Contrast Check

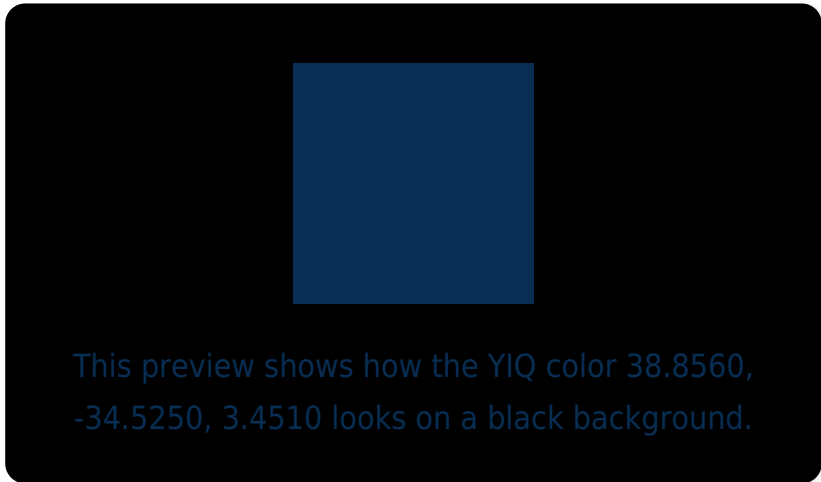
Large Text (above 18pt) WCAG AA ✓ Pass

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

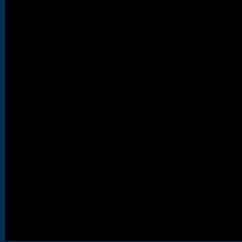
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.8560, -34.5250, 3.4510

Background



This preview shows how black text looks on a background with the YIQ color 38.8560, -34.5250, 3.4510.



This preview shows how white text looks on a background with the YIQ color 38.8560, -34.5250,

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

38.8560, -34.5250, 3.4510

Protanopia

43.4340, -21.4130, 8.1150

Deuteranopia

36.3500, -38.9720, 1.4440



Tritanopia

36.0930, -31.3590, -9.8790

Trichromacy



Original Color

38.8560, -34.5250, 3.4510

Protanomaly

42.0420, -26.1810, 6.4190

Deuteranomaly

37.2470, -37.1840, 2.0800

Tritanomaly

37.0700, -32.5520, -4.7760

Monochromacy



Original Color

38.8560, -34.5250, 3.4510

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.2960, -12.5170, 1.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.8560, -34.5250, 3.4510 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(8, 46, 83)` looks like.

```
.text, #text, p{  
    color:rgb(8, 46, 83)  
}
```

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(8, 46, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 46, 83) }
```

Border

The CSS property to change the border of an element to YIQ 38.8560, -34.5250, 3.4510 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(8, 46, 83) }
```


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

```
.border{ border-color:rgb(8, 46, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 46, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 46, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 46, 83); box-shadow:4px  
4px 4px 4px rgb(8, 46, 83) }
```

Background

The CSS property to change the background color of an element to YIQ 38.8560, -34.5250, 3.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 46, 83) }
```

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

```
.background{ background-color: rgb(8, 46,  
83) }
```

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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