

Converting Colors

YIQ(44.6610, -38.6500, -4.3940)

Have a look what the booklet for
YIQ(44.6610, -38.6500, -4.3940)
contains.

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Color

**YIQ(44.6610, -38.6500,
-4.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	053A50
RGB	5, 58, 80
RGB Percent	2%, 23%, 31%
CMY	0.9805, 0.7725, 0.6864
CMYK	0.94, 0.27, 0.00, 0.69
HSL	198°, 88%, 17%
HSV	198°, 94%, 31%
XYZ	3.0228, 3.6390, 8.1241
YIQ	44.6610, -38.6500, -4.3940

Conversions

Conversions Part 2

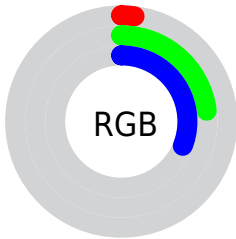
Format	Color
R_{YB}	5, 36, 80
Decimal	342608
CIE _{Lab}	22.44, -7.28, -17.92
CIE _{LCh}	22, 19.343, 247.902
Yxy	3.6390, 0.2044, 0.2461
Android (android.graphics.Color)	4278532688 (0xFF053A50)
YUV	44.6610, 17.4221, -34.7827
Hunter-Lab	19.0761, -5.0984, -11.8969

Details

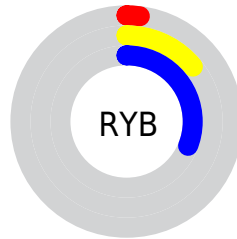
The YIQ color **44.6610, -38.6500, -4.3940** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40.3390, 38.6500, 4.3940**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.4770, -32.1400, -1.2280**, and **13.3820, -15.6350, 2.5170** is the 20% darker color. If you saturate the color by 10%, you get **42.5790, -41.3550, -4.9310**, and if you desaturate by 10%, it is **48.2270, -34.4320, -3.7440**.

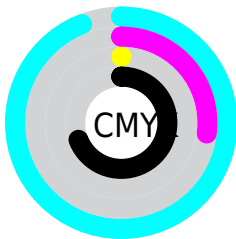
Distribution



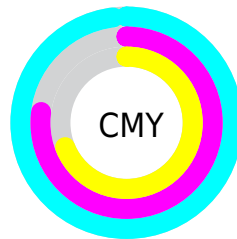
- Red (2%)
- Green (23%)
- Blue (31%)



- Red (2%)
- Yellow (14%)
- Blue (31%)



- Cyan (94%)
- Magenta (27%)
- Yellow (0%)
- Black (69%)



- Cyan (98%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.6610, -38.6500, -4.3940 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 44.6610, -38.6500, -4.3940 by changing the saturation by 10% instead.

■ 44.6610, -38.6500,
-4.3940

■ 44.6610, -38.6500,
-4.3940

■ 255.0000, -0.0000,
-0.0000

■ 27.6300, -28.1970,
-1.1010

■ 95.4770, -32.1400,
-1.2280

■ 13.3820, -15.6350,
2.5170

■ 120.5910,
-32.4610, -0.9170

■ 1.3680, -3.8520,
3.7320

■ 147.0040,
-32.1860, -0.3940

■ 0.0000, 0.0000,
0.0000


■ 173.8190,
-33.1030, -0.2950


■ 201.5200,
-33.6990, -0.5070


■ 228.2660,


-30.1680, -3.9280


 246.3290,
-17.2840, -6.1480


 44.6610, -38.6500,
-4.3940


 44.6610, -38.6500,
-4.3940


 42.5790, -41.3550,
-4.9310

 48.2270, -34.4320,
-3.7440

 52.3800, -30.4890,
-3.6170

 55.9460, -26.2710,
-2.9670

 59.5120, -22.0530,
-2.3170

 63.6650, -18.1100,
-2.1900

■ 67.2310, -13.8920,
-1.5400

■ 70.7970, -9.6740,
-0.8900

■ 74.9500, -5.7310,
-0.7630

■ 78.5160, -1.5130,
-0.1130

Harmonies

Analogous

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



43.3140, -39.2910, -9.2990



44.6610, -38.6500, -4.3940



52.4080, -18.5240, 5.3160

Triad

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



44.6610, -38.6500, -4.3940



54.5730, 20.6760, 10.7560



50.6220, 0.6440, -11.6760

Complementary

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



44.6610, -38.6500, -4.3940



40.3390, 38.6500, 4.3940

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.



52.1890, 12.2890, -7.9590



44.6610, -38.6500, -4.3940



53.6670, 23.1070, 5.2430

Square

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



44.6610, -38.6500, -4.3940



55.6630, 11.7350, 13.1030



53.0700, 20.1740, -2.1780



47.4830, -15.0820, -13.0180

Rectangle

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



44.6610, -38.6500, -4.3940



54.2030, -7.5210, 9.6550



53.0700, 20.1740, -2.1780



51.3020, 4.5410, -10.7150

Sweetspot

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



44.6610, -38.6500, -4.3940



90.7470, -15.4050, -1.6530



51.4190, -27.3660, -32.6940



44.7970, -9.6740, -0.8900



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.



44.6610, -38.6500, -4.3940



55.4080, -54.0550, -6.0470



22.9420, -28.4750, 14.9570



39.2170, -2.1090, -0.3250



122.7160, -119.5720, -13.6200

Inverse Universe

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



33.4670, 27.6870, 32.3830



39.8310, 38.8260, 45.2740



62.0580, 28.4750, -14.9570



38.5380, 1.4210, 1.7810



88.0640, 85.6280, 100.1880

Previews

White Background



This preview shows how the YIQ color 44.6610, -38.6500, -4.3940 looks on a white background.

Color Contrast Check

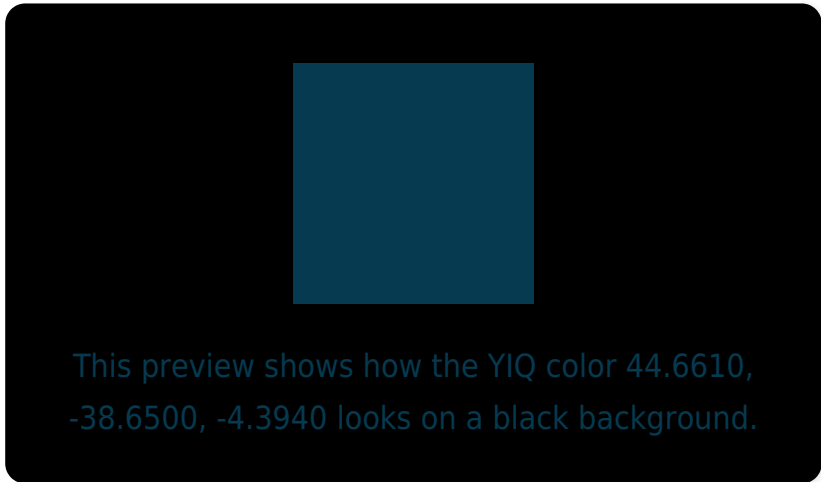
Large Text (above 18pt) WCAG AA ✓ Pass

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

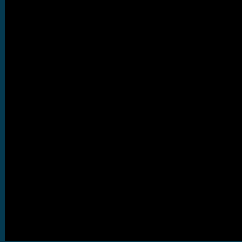
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.6610, -38.6500, -4.3940

Background



This preview shows how black text looks on a background with the YIQ color 44.6610, -38.6500, -4.3940.



This preview shows how white text looks on a background with the YIQ color 44.6610, -38.6500,

-4.3940.

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

44.6610, -38.6500, -4.3940

Protanopia

53.8280, -10.9590, 5.8810

Deuteranopia

53.4900, -15.8190, 5.8530



Tritanopia

42.6300, -37.3650, -11.1650

Trichromacy



Original Color

44.6610, -38.6500, -4.3940

Protanomaly

50.6310, -20.7700, 1.9660

Deuteranomaly

50.1900, -23.8420, 2.5740

Tritanomaly

43.2110, -37.5030, -8.6630

Monochromacy



Original Color

44.6610, -38.6500, -4.3940

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.9320, -14.4880, -1.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.6610, -38.6500, -4.3940 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(5, 58, 80)` looks like.

```
.text, #text, p{  
    color:rgb(5, 58, 80)  
}
```

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(5, 58, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 58, 80) }
```

Border

The CSS property to change the border of an element to YIQ 44.6610, -38.6500, -4.3940 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(5, 58, 80) }
```

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

```
.border{ border-color:rgb(5, 58, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 58, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 58, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 58, 80); box-shadow:4px  
4px 4px 4px rgb(5, 58, 80) }
```

Background

The CSS property to change the background color of an element to YIQ 44.6610, -38.6500, -4.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 58, 80) }
```

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

```
.background{ background-color: rgb(5, 58,  
80) }
```

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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