

Converting Colors

YIQ(44.5100, -36.9070, -8.4510)

Have a look what the booklet for
YIQ(44.5100, -36.9070, -8.4510)
contains.

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Color

**YIQ(44.5100, -36.9070,
-8.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	043C47
RGB	4, 60, 71
RGB Percent	2%, 24%, 28%
CMY	0.9844, 0.7646, 0.7217
CMYK	0.94, 0.15, 0.00, 0.72
HSL	190°, 89%, 15%
HSV	190°, 94%, 28%
XYZ	2.8028, 3.7142, 6.5238
YIQ	44.5100, -36.9070, -8.4510

Conversions

Conversions Part 2

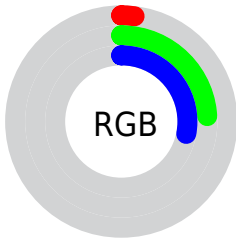
Format	Color
R_YB	4, 35, 71
Decimal	277575
CIE Lab	22.70, -12.35, -11.53
CIE LCh	23, 16.896, 223.035
Yxy	3.7142, 0.2149, 0.2848
Android (android.graphics.Color)	4278467655 (0xFF043C47)
YUV	44.5100, 13.0596, -35.5273
Hunter-Lab	19.2723, -7.7668, -6.5794

Details

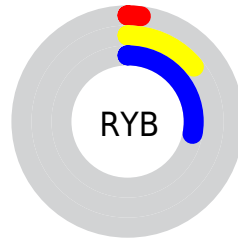
The YIQ color **44.5100, -36.9070, -8.4510** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **30.4900, 36.9070, 8.4510**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.6140, -31.2680, -6.0200**, and **13.7580, -13.9380, -0.7060** is the 20% darker color. If you saturate the color by 10%, you get **42.7270, -39.0160, -8.7760**, and if you desaturate by 10%, it is **47.1900, -33.0100, -7.4900**.

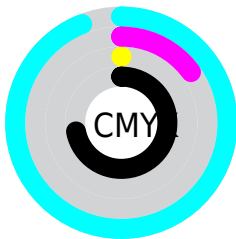
Distribution



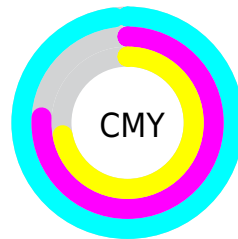
- Red (2%)
- Green (24%)
- Blue (28%)



- Red (2%)
- Yellow (14%)
- Blue (28%)



- Cyan (94%)
- Magenta (15%)
- Yellow (0%)
- Black (72%)



- Cyan (98%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.5100, -36.9070, -8.4510 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 44.5100, -36.9070, -8.4510 by changing the saturation by 10% instead.

■ 44.5100, -36.9070,
-8.4510

■ 44.5100, -36.9070,
-8.4510

■ 254.1030, -1.7880,
-0.6360

■ 27.8920, -26.1790,
-4.6350

■ 94.6140, -31.2680,
-6.0200

■ 13.7580, -13.9380,
-0.7060

■ 120.6140,
-31.2680, -6.0200

■ 0.0000, 0.0000,
0.0000


■ 146.7280,
-31.5890, -5.7090


■ 173.4290,
-32.1850, -5.9210


■ 201.1300,
-32.7810, -6.1330


■ 229.1300,


-32.7810, -6.1330


 245.4320,
-19.0720, -6.7840


 44.5100, -36.9070,
-8.4510


 44.5100, -36.9070,
-8.4510


 42.7270, -39.0160,
-8.7760

 47.1900, -33.0100,
-7.4900

 49.8700, -29.1130,
-6.5290

 52.5500, -25.2160,
-5.5680

 55.8170, -21.5940,
-5.1300

 58.4970, -17.6970,
-4.1690

■ 61.4760, -13.2040,
-2.9960

■ 64.1560, -9.3070,
-2.0350

■ 66.8360, -5.4100,
-1.0740

■ 69.5160, -1.5130,
-0.1130

Harmonies

Analogous

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



45.2240, -30.3500, -11.6460



44.5100, -36.9070, -8.4510



49.8150, -27.2800, -1.2000

Triad

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



44.5100, -36.9070, -8.4510



55.6090, 11.8270, 11.4350



52.6340, 9.5380, -7.6620

Complementary

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



44.5100, -36.9070, -8.4510



30.4900, 36.9070, 8.4510

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.



53.9880, 17.4690, -2.7150



44.5100, -36.9070, -8.4510



55.6220, 18.9800, 8.4520

Square

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



44.5100, -36.9070, -8.4510



55.9220, 0.6400, 10.4320



54.6450, 20.1730, 3.3490



50.8930, -1.5570, -10.3330

Rectangle

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



44.5100, -36.9070, -8.4510



52.6530, -17.8360, 3.8600



54.6450, 20.1730, 3.3490



53.2430, 12.1970, -6.2910

Sweetspot

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



44.5100, -36.9070, -8.4510



81.8780, -14.3960, -3.4200



44.4690, -21.6350, -31.9310



39.4550, -8.7110, -1.8230



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



44.5100, -36.9070, -8.4510



55.6870, -50.7070, -11.6590



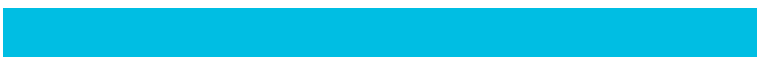
25.1390, -27.8320, 8.8080



34.2170, -2.1090, -0.3250



60.0070, -54.6040, -12.6200



137.4080, -125.1170, -28.7730

Inverse Universe

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



30.4170, 21.9560, 31.6200



36.2860, 30.1150, 43.4510



49.8610, 27.8320, -8.8080



33.5380, 1.4210, 1.7810



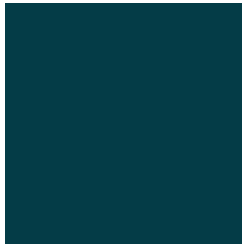
39.0630, 32.3610, 46.8010



89.5330, 74.3020, 107.2140

Previews

White Background



This preview shows how the YIQ color 44.5100, -36.9070, -8.4510 looks on a white background.

Color Contrast Check

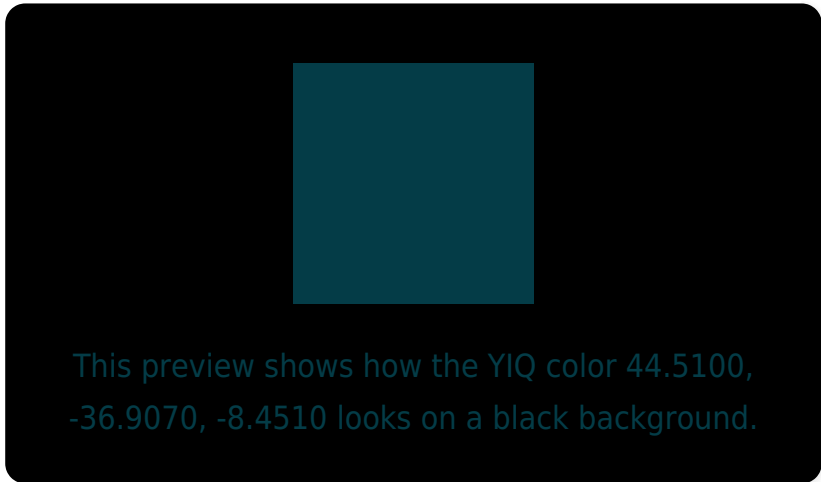
Large Text (above 18pt) WCAG AA ✓ Pass

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

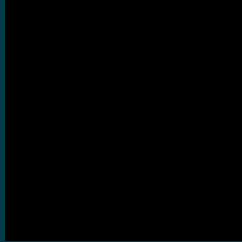
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

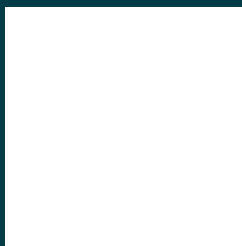
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 44.5100, -36.9070, -8.4510

Background



This preview shows how black text looks on a background with the YIQ color 44.5100, -36.9070, -8.4510.



This preview shows how white text looks on a background with the YIQ color 44.5100, -36.9070,

-8.4510.

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

44.5100, -36.9070, -8.4510

Protanopia

54.8840, -5.3650, 3.6190

Deuteranopia

54.8560, -8.1620, 4.7500



Tritanopia

43.2170, -37.6400, -11.6880

Trichromacy



Original Color

44.5100, -36.9070, -8.4510

Protanomaly

51.0890, -16.3680, -0.7200

Deuteranomaly

50.9470, -18.8440, 0.1000

Tritanomaly

43.7440, -37.6860, -10.8540

Monochromacy



Original Color

44.5100, -36.9070, -8.4510

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.4760, -13.2040, -2.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.5100, -36.9070, -8.4510 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(4, 60, 71)` looks like.

```
.text, #text, p{  
    color:rgb(4, 60, 71)  
}
```

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(4, 60, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 60, 71) }
```

Border

The CSS property to change the border of an element to YIQ 44.5100, -36.9070, -8.4510 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(4, 60, 71) }
```


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

```
.border{ border-color:rgb(4, 60, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 60, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 60, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 60, 71); box-shadow:4px  
4px 4px 4px rgb(4, 60, 71) }
```

Background

The CSS property to change the background color of an element to YIQ 44.5100, -36.9070, -8.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 60, 71) }
```

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

```
.background{ background-color: rgb(4, 60,  
71) }
```

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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