

Converting Colors

YIQ(52.3130, -46.7180,
-12.3660)

Have a look what the booklet for
YIQ(52.3130, -46.7180, -12.3660)
contains.

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Color

**YIQ(52.3130, -46.7180,
-12.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	004953
RGB	0, 73, 83
RGB Percent	0%, 29%, 33%
CMY	1.0000, 0.7136, 0.6747
CMYK	1.00, 0.12, 0.00, 0.67
HSL	187°, 100%, 16%
HSV	187°, 100%, 33%
XYZ	3.9440, 5.3929, 9.0067
YIQ	52.3130, -46.7180, -12.3660

Conversions

Conversions Part 2

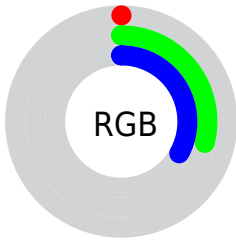
Format	Color
R_{YB}	0, 39, 83
Decimal	18771
CIE _{Lab}	27.83, -15.80, -11.58
CIE _{LCh}	28, 19.592, 216.235
Yxy	5.3929, 0.2150, 0.2940
Android (android.graphics.Color)	4278208851 (0xFF004953)
YUV	52.3130, 15.1287, -45.8785
Hunter-Lab	23.2226, -10.3242, -6.7393

Details

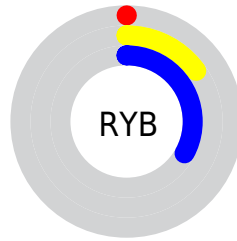
The YIQ color **52.3130, -46.7180, -12.3660** is a dark color, and the websafe version is hex **003333**, and the color name is **midnight green (eagle green)**. A complement of this color would be **30.6870, 46.7180, 12.3660**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.7980, -37.7780, -9.1860**, and **21.9420, -20.4480, -3.8720** is the 20% darker color. If you saturate the color by 10%, you get **52.3130, -46.7180, -12.3660**, and if you desaturate by 10%, it is **55.2920, -42.2250, -11.1930**.

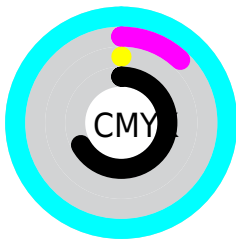
Distribution



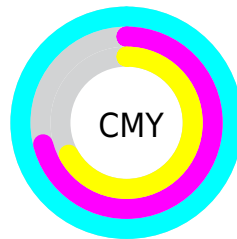
- Red (0%)
- Green (29%)
- Blue (33%)



- Red (0%)
- Yellow (15%)
- Blue (33%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.3130, -46.7180, -12.3660 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 52.3130, -46.7180, -12.3660 by changing the saturation by 10% instead.

■ 52.3130, -46.7180,
-12.3660

■ 52.3130, -46.7180,
-12.3660

■ 255.0000, -0.0000,
-0.0000

■ 36.1900, -33.0100,
-7.4900

■ 105.7980,
-37.7780, -9.1860

■ 21.9420, -20.4480,
-3.8720

■ 132.2110,
-37.5030, -8.6630

■ 2.5250, -5.7320,
4.7640

■ 158.2110,
-37.5030, -8.6630


■ 0.0000, 0.0000,
0.0000


■ 185.9120,
-38.0990, -8.8750


■ 214.0260,
-38.4200, -8.5640


■ 238.5550,


-32.7800, -11.6600


 247.2260,
-15.4960, -5.5120


 52.3130, -46.7180,
-12.3660

 55.2920, -42.2250,
-11.1930

 58.5700, -37.1360,
-9.8080

 61.5490, -32.6430,
-8.6350

 64.5280, -28.1500,
-7.4620

 67.5070, -23.6570,
-6.2890

■ 70.7850, -18.5680,
-4.9040

■ 73.7640, -14.0750,
-3.7310

■ 76.7430, -9.5820,
-2.5580

■ 80.0210, -4.4930,
-1.1730

Harmonies

Analogous

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



55.9740, -32.6420, -14.1620



52.3130, -46.7180, -12.3660



58.2700, -35.9910, -3.0230

Triad

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



52.3130, -46.7180, -12.3660



67.7770, 11.4140, 13.4140



64.2600, 13.5270, -8.3690

Complementary

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



52.3130, -46.7180, -12.3660



30.6870, 46.7180, 12.3660

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.



65.5540, 21.6870, -2.0650



52.3130, -46.7180, -12.3660



67.2850, 21.5470, 11.4910

Square

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



52.3130, -46.7180, -12.3660



67.5950, -2.7530, 11.3510



66.5640, 24.8950, 5.8790



62.5080, 0.9650, -11.9870

Rectangle

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



52.3130, -46.7180, -12.3660



62.7060, -25.3550, 2.4610



66.5640, 24.8950, 5.8790



64.5810, 17.0570, -6.2630

Sweetspot

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



52.3130, -46.7180, -12.3660



95.0840, -17.9720, -4.6920



49.8610, -26.0350, -40.2990



46.2590, -11.0950, -2.6710



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.



52.3130, -46.7180, -12.3660



67.3760, -60.1970, -15.8850



28.2460, -35.4430, 9.0770



39.2170, -2.1090, -0.3250



65.9740, -59.0050, -15.4610



146.1960, -130.5720, -34.5400

Inverse Universe

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



33.1390, 26.0350, 40.2990



42.7090, 33.5980, 51.9180



54.7540, 35.4430, -9.0770



38.5380, 1.4210, 1.7810



41.8830, 33.0480, 50.8720



92.6240, 72.7880, 112.6280

Previews

White Background



This preview shows how the YIQ color 52.3130, -46.7180, -12.3660 looks on a white background.

Color Contrast Check

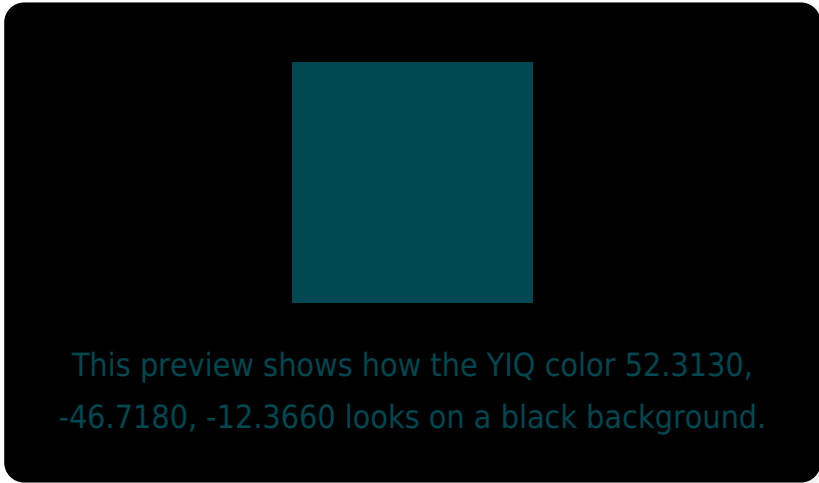
Large Text (above 18pt) WCAG AA ✓ Pass

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

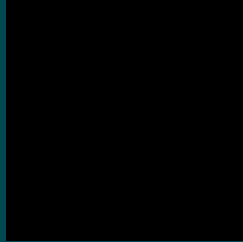
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.3130, -46.7180, -12.3660

Background



This preview shows how black text looks on a background with the YIQ color 52.3130, -46.7180, -12.3660.



This preview shows how white text looks on a background with the YIQ color 52.3130, -46.7180,

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

52.3130, -46.7180, -12.3660

Protanopia

66.1830, -4.7690, 3.8310

Deuteranopia

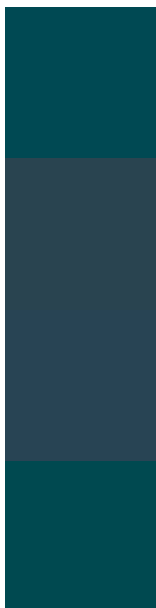
66.6820, -7.6120, 5.7960



Tritanopia

51.8570, -45.4340, -13.6100

Trichromacy



Original Color

52.3130, -46.7180, -12.3660

Protanomaly

61.2950, -19.9440, -1.9920

Deuteranomaly

61.4520, -21.8240, -0.9600

Tritanomaly

51.9710, -45.7550, -13.2990

Monochromacy



Original Color

52.3130, -46.7180, -12.3660

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.2690, -17.0550, -4.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.3130, -46.7180, -12.3660 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(0, 73, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 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(0, 73, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 83) }
```

Border

The CSS property to change the border of an element to YIQ 52.3130, -46.7180, -12.3660 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(0, 73, 83) }
```


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

```
.border{ border-color:rgb(0, 73, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 73, 83); box-shadow:4px  
4px 4px 4px rgb(0, 73, 83) }
```

Background

The CSS property to change the background color of an element to YIQ 52.3130, -46.7180, -12.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 83) }
```

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

```
.background{ background-color: rgb(0, 73,  
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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