

Converting Colors

YIQ(23.0040, -14.9910, -9.1590)

Have a look what the booklet for
YIQ(23.0040, -14.9910, -9.1590)
contains.

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Color

**YIQ(23.0040, -14.9910,
-9.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	032118
RGB	3, 33, 24
RGB Percent	1%, 13%, 9%
CMY	0.9883, 0.8705, 0.9059
CMYK	0.91, 0.00, 0.27, 0.87
HSL	162°, 83%, 7%
HSV	162°, 91%, 13%
XYZ	0.7462, 1.1735, 1.0506
YIQ	23.0040, -14.9910, -9.1590

Conversions

Conversions Part 2

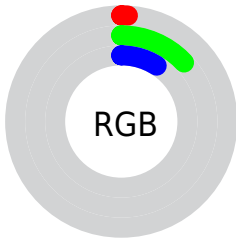
Format	Color
R_YB	3, 21, 33
Decimal	205080
CIE Lab	10.36, -14.09, 2.87
CIE LCh	10, 14.379, 168.482
Yxy	1.1735, 0.2512, 0.3951
Android (android.graphics.Color)	4278395160 (0xFF032118)
YUV	23.0040, 0.4910, -17.5435
Hunter-Lab	10.8330, -6.6615, 1.8330

Details

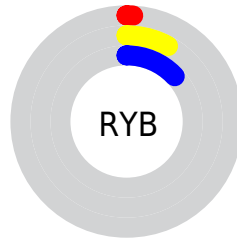
The YIQ color **23.0040, -14.9910, -9.1590** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.9960, 14.9910, 9.1590**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **66.8900, -14.6700, -9.4700**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.9930, -16.4580, -10.1060**, and if you desaturate by 10%, it is **24.0150, -13.5240, -8.2120**.

Distribution



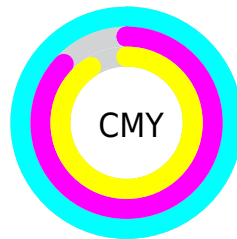
- Red (1%)
- Green (13%)
- Blue (9%)



- Red (1%)
- Yellow (8%)
- Blue (13%)



- Cyan (91%)
- Magenta (0%)
- Yellow (27%)
- Black (87%)



- Cyan (99%)
- Magenta (87%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.0040, -14.9910, -9.1590 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 23.0040, -14.9910, -9.1590 by changing the saturation by 10% instead.

■ 23.0040, -14.9910,
-9.1590

■ 23.0040, -14.9910,
-9.1590

■ 246.3570,
-14.4870, -7.2790

■ 1.1740, -0.5500,
-1.0460

■ 66.8900, -14.6700,
-9.4700

■ 0.0000, 0.0000,
0.0000

■ 91.0640, -15.2200,
-10.5160


■ 116.0640,
-15.2200, -10.5160


■ 141.6510,
-15.4950, -11.0390


■ 167.6510,
-15.4950, -11.0390


■ 195.3520,


-16.0910, -11.2510


 222.9390,
-16.3660, -11.7740


 23.0040, -14.9910,
-9.1590


 23.0040, -14.9910,
-9.1590


 21.9930, -16.4580,
-10.1060

 24.0150, -13.5240,
-8.2120

 25.3250, -11.4610,
-7.0530

 26.3360, -9.9940,
-6.1060

 27.3470, -8.5270,
-5.1590

 28.3580, -7.0600,
-4.2120

■ 29.6680, -4.9970,
-3.0530

■ 30.6790, -3.5300,
-2.1060

■ 31.6900, -2.0630,
-1.1590

■ 33.0000, -0.0000,
-0.0000

Harmonies

Analogous

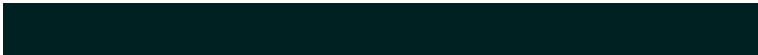
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.7620, -2.5660, -8.5660



23.0040, -14.9910, -9.1590



23.2470, -19.9890, -6.6850

Triad

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



23.0040, -14.9910, -9.1590



28.0840, -8.8040, 5.3720



28.0250, 16.0470, 1.0310

Complementary

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



23.0040, -14.9910, -9.1590



12.9960, 14.9910, 9.1590

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.



28.4150, 15.1290, 6.6570



23.0040, -14.9910, -9.1590



29.2380, 2.5660, 8.5660

Square

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



23.0040, -14.9910, -9.1590



24.1640, -20.9530, -0.2250



29.1310, 10.1770, 8.2970



27.0800, 14.2140, -4.2980

Rectangle

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



23.0040, -14.9910, -9.1590



23.9310, -21.9150, -4.8190



29.1310, 10.1770, 8.2970



28.4920, 16.2300, 3.2220

Sweetspot

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



23.0040, -14.9910, -9.1590



39.3690, -5.5930, -3.2650



23.3010, -2.8860, -13.7820



20.6790, -3.5300, -2.1060



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

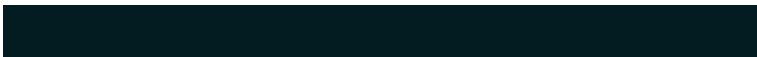
The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.0040, -14.9910, -9.1590



28.6610, -21.4550, -13.1590



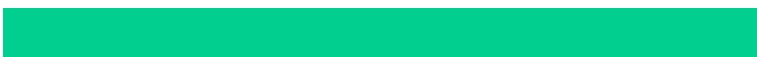
21.0950, -16.5050, -3.7450



14.7010, -0.5960, -0.2120



52.6430, -39.3800, -24.2120



137.9250, -103.1490, -63.4770

Inverse Universe

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



12.9960, 14.9910, 9.1590



14.3390, 21.4550, 13.1590



14.9050, 16.5050, 3.7450



14.2990, 0.5960, 0.2120



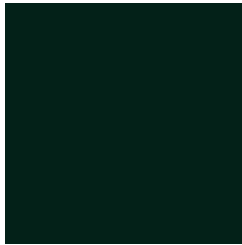
26.3570, 39.3800, 24.2120



68.9610, 103.4700, 63.1660

Previews

White Background



This preview shows how the YIQ color 23.0040, -14.9910, -9.1590 looks on a white background.

Color Contrast Check

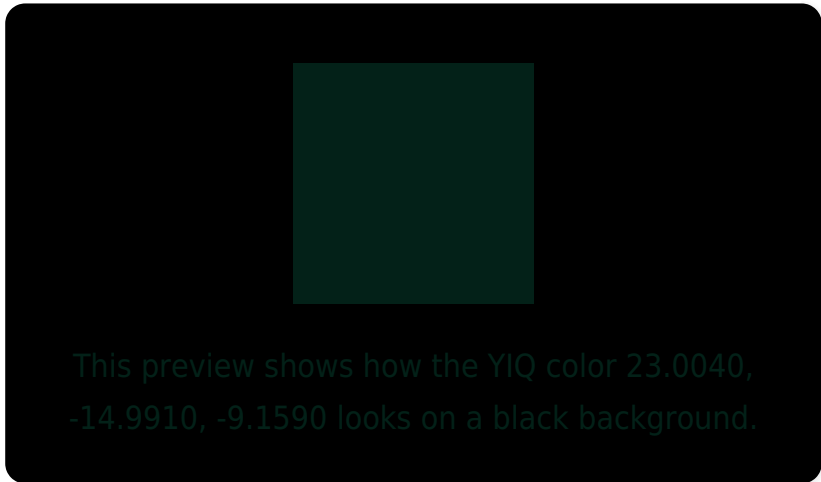
Large Text (above 18pt) WCAG AA ✓ Pass

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

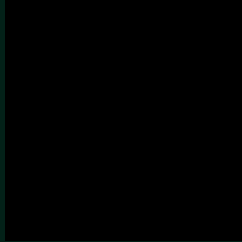
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 23.0040, -14.9910, -9.1590

Background



This preview shows how black text looks on a background with the YIQ color 23.0040, -14.9910, -9.1590.



This preview shows how white text looks on a background with the YIQ color 23.0040, -14.9910,

-9.1590.

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

23.0040, -14.9910, -9.1590

Protanopia

28.8000, 3.4390, -1.7530

Deuteranopia

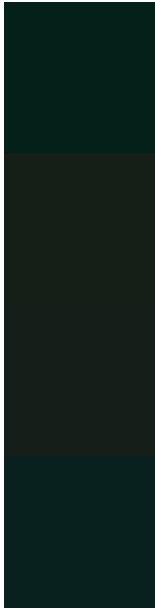
29.1530, 3.9430, 0.1270



Tritanopia

25.9490, -13.1580, -3.8300

Trichromacy



Original Color

23.0040, -14.9910, -9.1590

Protanomaly

26.5110, -3.1170, -4.0850

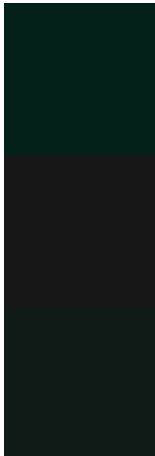
Deuteranomaly

27.0380, -3.1630, -3.2510

Tritanomaly

24.5960, -13.6620, -5.7100

Monochromacy



Original Color

23.0040, -14.9910, -9.1590

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.2550, -5.2720, -3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.0040, -14.9910, -9.1590 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(3, 33, 24)` looks like.

```
.text, #text, p{  
    color:rgb(3, 33, 24)  
}
```

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(3, 33, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 33, 24) }
```

Border

The CSS property to change the border of an element to YIQ 23.0040, -14.9910, -9.1590 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(3, 33, 24) }
```


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

```
.border{ border-color:rgb(3, 33, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 33, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 33, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 33, 24); box-shadow:4px  
4px 4px 4px rgb(3, 33, 24) }
```

Background

The CSS property to change the background color of an element to YIQ 23.0040, -14.9910, -9.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 33, 24) }
```

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

```
.background{ background-color: rgb(3, 33,  
24) }
```

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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