

Converting Colors

YIQ(46.1870, -28.9280,
-15.3920)

Have a look what the booklet for
YIQ(46.1870, -28.9280, -15.3920)
contains.

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Color

**YIQ(46.1870, -28.9280,
-15.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	094034
RGB	9, 64, 52
RGB Percent	4%, 25%, 20%
CMY	0.9648, 0.7489, 0.7962
CMYK	0.86, 0.00, 0.19, 0.75
HSL	167°, 75%, 14%
HSV	167°, 86%, 25%
XYZ	2.5661, 3.9749, 3.8776
YIQ	46.1870, -28.9280, -15.3920

Conversions

Conversions Part 2

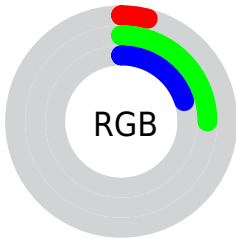
Format	Color
RYB	9, 40, 64
Decimal	606260
CIELab	23.59, -20.64, 2.45
CIELCh	24, 20.788, 173.218
Yxy	3.9749, 0.2463, 0.3815
Android (android.graphics.Color)	4278796340 (0xFF094034)
YUV	46.1870, 2.8658, -32.6130
Hunter-Lab	19.9372, -11.9153, 2.4247

Details

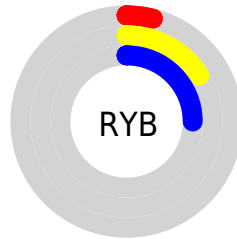
The YIQ color **46.1870, -28.9280, -15.3920** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **26.8130, 28.9280, 15.3920**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **95.4540, -25.3060, -14.9540**, and **13.0110, -7.7010, -9.1170** is the 20% darker color. If you saturate the color by 10%, you get **44.2790, -32.1830, -16.9750**, and if you desaturate by 10%, it is **48.0950, -25.6730, -13.8090**.

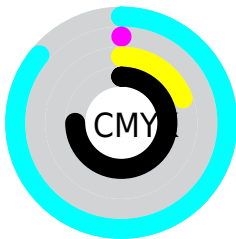
Distribution



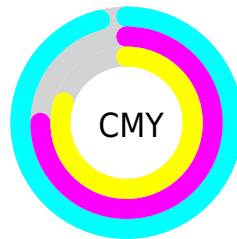
- Red (4%)
- Green (25%)
- Blue (20%)



- Red (4%)
- Yellow (16%)
- Blue (25%)



- Cyan (86%)
- Magenta (0%)
- Yellow (19%)
- Black (75%)



- Cyan (96%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.1870, -28.9280, -15.3920 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 46.1870, -28.9280, -15.3920 by changing the saturation by 10% instead.

46.1870, -28.9280,
-15.3920

46.1870, -28.9280,
-15.3920

253.5050, -2.9800,
-1.0600

28.1880, -21.5010,
-12.3250

95.4540, -25.3060,
-14.9540

13.0110, -7.7010,
-9.1170

121.0410,
-25.5810, -15.4770

0.0000, 0.0000,
0.0000


146.7420,
-26.1770, -15.6890


174.3290,
-26.4520, -16.2120


201.3290,
-26.4520, -16.2120


229.6170,


-27.3230, -16.9470


 245.1330,
-19.6680, -6.9960


 46.1870, -28.9280,
-15.3920


 46.1870, -28.9280,
-15.3920


 44.2790, -32.1830,
-16.9750


 48.0950, -25.6730,
-13.8090

 43.2680, -33.6500,
-17.9220

 50.4160, -22.1430,
-11.7030

 52.3240, -18.8880,
-10.1200

 54.6450, -15.3580,
-8.0140

 56.5530, -12.1030,
-6.4310

■ 58.4610, -8.8480,
-4.8480

■ 60.7820, -5.3180,
-2.7420

■ 62.6900, -2.0630,
-1.1590

■ 65.0110, 1.4670,
0.9470

Harmonies

Analogous

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



51.0770, -8.0670, -13.4990



46.1870, -28.9280, -15.3920



45.3200, -39.4280, -12.3240

Triad

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



46.1870, -28.9280, -15.3920



56.3490, -10.8680, 9.7400



55.7440, 24.2080, 1.8080

Complementary

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



46.1870, -28.9280, -15.3920



26.8130, 28.9280, 15.3920

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.



56.6720, 24.7110, 9.2150



46.1870, -28.9280, -15.3920



58.2540, 5.6370, 13.4850

Square

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



46.1870, -28.9280, -15.3920



51.4280, -30.4440, 1.0760



57.4850, 18.1080, 13.2440



55.1790, 18.2490, -5.8390

Rectangle

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



46.1870, -28.9280, -15.3920



45.7590, -42.0420, -9.0020



57.4850, 18.1080, 13.2440



56.5100, 24.9870, 4.2110

Sweetspot

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



46.1870, -28.9280, -15.3920



76.8520, -11.5070, -6.2190



45.1720, -7.3770, -26.0090



38.7710, -6.7850, -3.6890



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



46.1870, -28.9280, -15.3920



56.8320, -44.2860, -23.4060



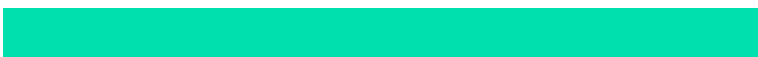
38.7500, -28.6550, -3.8150



31.9890, -1.4670, -0.9470



65.6030, -51.0710, -27.0950



151.4380, -117.7750, -62.7270

Inverse Universe

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



26.8130, 28.9280, 15.3920



27.1680, 44.2860, 23.4060



34.2500, 28.6550, 3.8150



31.0110, 1.4670, 0.9470



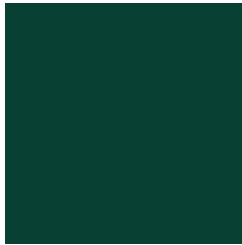
31.3970, 51.0710, 27.0950



72.5620, 117.7750, 62.7270

Previews

White Background



This preview shows how the YIQ color 46.1870, -28.9280, -15.3920 looks on a white background.

Color Contrast Check

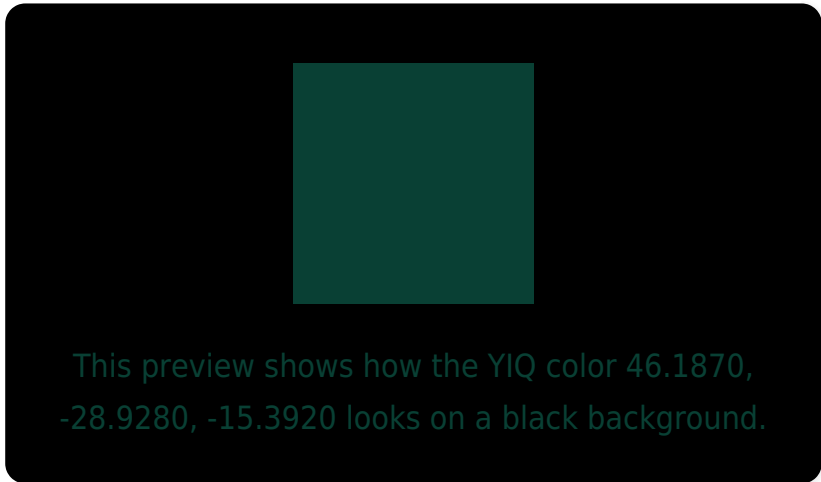
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.1870, -28.9280, -15.3920

Background



This preview shows how black text looks on a background with the YIQ color 46.1870, -28.9280, -15.3920.



This preview shows how white text looks on a background with the YIQ color 46.1870, -28.9280,

-15.3920.

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

46.1870, -28.9280, -15.3920

Protanopia

55.9850, 4.3560, -1.8520

Deuteranopia

56.6910, 5.3640, 1.9080



Tritanopia

50.3110, -26.0410, -7.1370

Trichromacy



Original Color

46.1870, -28.9280, -15.3920

Protanomaly

52.4780, -7.5180, -6.9260

Deuteranomaly

52.9450, -7.3350, -4.7350

Tritanomaly

49.1320, -27.0950, -10.0630

Monochromacy



Original Color

46.1870, -28.9280, -15.3920

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

46.4500, -10.3150, -5.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.1870, -28.9280, -15.3920 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(9, 64, 52)` looks like.

```
.text, #text, p{  
    color:rgb(9, 64, 52)  
}
```

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(9, 64, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 64, 52) }
```

Border

The CSS property to change the border of an element to YIQ 46.1870, -28.9280, -15.3920 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(9, 64, 52) }
```


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

```
.border{ border-color:rgb(9, 64, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 64, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 64, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 64, 52); box-shadow:4px  
4px 4px 4px rgb(9, 64, 52) }
```

Background

The CSS property to change the background color of an element to YIQ 46.1870, -28.9280, -15.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 64, 52) }
```

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

```
.background{ background-color: rgb(9, 64,  
52) }
```

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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