

Converting Colors

YIQ(47.9170, -28.4680,
-23.7320)

Have a look what the booklet for
YIQ(47.9170, -28.4680, -23.7320)
contains.

YIQ(47.9170, -28.4680, -23.7320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(47.9170, -28.4680,
-23.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	064727
RGB	6, 71, 39
RGB Percent	2%, 28%, 15%
CMY	0.9766, 0.7215, 0.8471
CMYK	0.92, 0.00, 0.45, 0.72
HSL	150°, 85%, 15%
HSV	150°, 92%, 28%
XYZ	2.6954, 4.6947, 2.6816
YIQ	47.9170, -28.4680, -23.7320

Conversions

Conversions Part 2

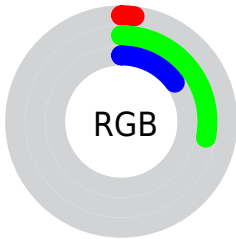
Format	Color
RYB	6, 49, 71
Decimal	411431
CIELab	25.85, -27.90, 13.96
CIElCh	26, 31.197, 153.418
Yxy	4.6947, 0.2676, 0.4661
Android (android.graphics.Color)	4278601511 (0xFF064727)
YUV	47.9170, -4.3961, -36.7612
Hunter-Lab	21.6673, -15.7128, 7.8292

Details

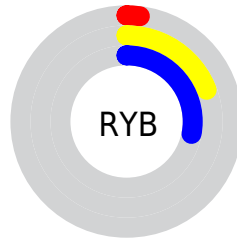
The YIQ color **47.9170, -28.4680, -23.7320** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.0830, 28.4680, 23.7320**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5540, -23.0120, -23.4920**, and **17.0230, -7.9750, -15.1670** is the 20% darker color. If you saturate the color by 10%, you get **45.7810, -31.0810, -25.9370**, and if you desaturate by 10%, it is **50.3520, -25.2590, -21.3150**.

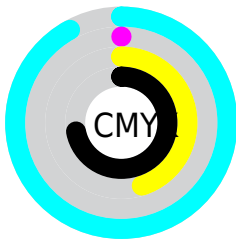
Distribution



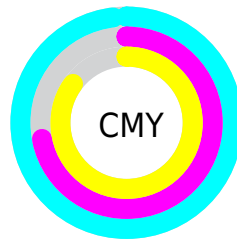
- Red (2%)
- Green (28%)
- Blue (15%)



- Red (2%)
- Yellow (19%)
- Blue (28%)



- Cyan (92%)
- Magenta (0%)
- Yellow (45%)
- Black (72%)



- Cyan (98%)
- Magenta (72%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.9170, -28.4680, -23.7320 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 47.9170, -28.4680, -23.7320 by changing the saturation by 10% instead.

■ 47.9170, -28.4680,
-23.7320

■ 47.9170, -28.4680,
-23.7320

■ 254.1030, -1.7880,
-0.6360

■ 30.2280, -18.9780,
-19.5060

■ 98.5540, -23.0120,
-23.4920

■ 17.0230, -7.9750,
-15.1670

■ 124.1410,
-23.2870, -24.0150

■ 0.0000, 0.0000,
0.0000


■ 150.6140,
-23.2410, -24.8490


■ 178.0870,
-23.1950, -25.6830


■ 205.6740,
-23.4700, -26.2060


■ 232.2010,


-23.5160, -25.3720


 244.1780,
-15.5410, -10.2050


 47.9170, -28.4680,
-23.7320


 47.9170, -28.4680,
-23.7320


 45.7810, -31.0810,
-25.9370

 50.3520, -25.2590,
-21.3150

 52.9010, -22.3710,
-18.5870

 55.3360, -19.1620,
-16.1700

 57.8850, -16.2740,
-13.4420

 60.3200, -13.0650,
-11.0250

■ 63.1680, -9.5810,
-8.0850

■ 65.6030, -6.3720,
-5.6680

■ 68.1520, -3.4840,
-2.9400

■ 70.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



55.5480, 3.4880, -19.1680



47.9170, -28.4680, -23.7320



50.0330, -40.2980, -18.5860

Triad

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



47.9170, -28.4680, -23.7320



51.5000, -48.1420, 2.4340



59.8430, 37.4110, 10.3310

Complementary

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



47.9170, -28.4680, -23.7320



29.0830, 28.4680, 23.7320

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.



60.7150, 32.3200, 20.0000



47.9170, -28.4680, -23.7320



62.6470, -8.5310, 16.9490

Square

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



47.9170, -28.4680, -23.7320



52.2450, -52.0380, -4.0540



62.7980, 16.0890, 22.3050



59.4860, 33.5620, -2.5180

Rectangle

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



47.9170, -28.4680, -23.7320



51.8570, -45.4340, -13.6100



62.7980, 16.0890, 22.3050



60.1790, 36.5850, 14.2890

Sweetspot

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



47.9170, -28.4680, -23.7320



83.1570, -11.0480, -9.0320



53.7230, 1.1970, -27.2110



40.7170, -6.6930, -5.3570



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.



47.9170, -28.4680, -23.7320



59.3620, -40.3870, -33.4990



51.5650, -38.7400, -13.7800



34.5760, -1.7420, -1.4700



63.8130, -43.2750, -36.2270



146.3590, -99.3400, -82.9560

Inverse Universe

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



29.0830, 28.4680, 23.7320



32.6380, 40.3870, 33.4990



25.4350, 38.7400, 13.7800



33.4240, 1.7420, 1.4700



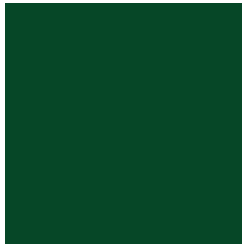
35.1870, 43.2750, 36.2270



80.6410, 99.3400, 82.9560

Previews

White Background



This preview shows how the YIQ color 47.9170, -28.4680, -23.7320 looks on a white background.

Color Contrast Check

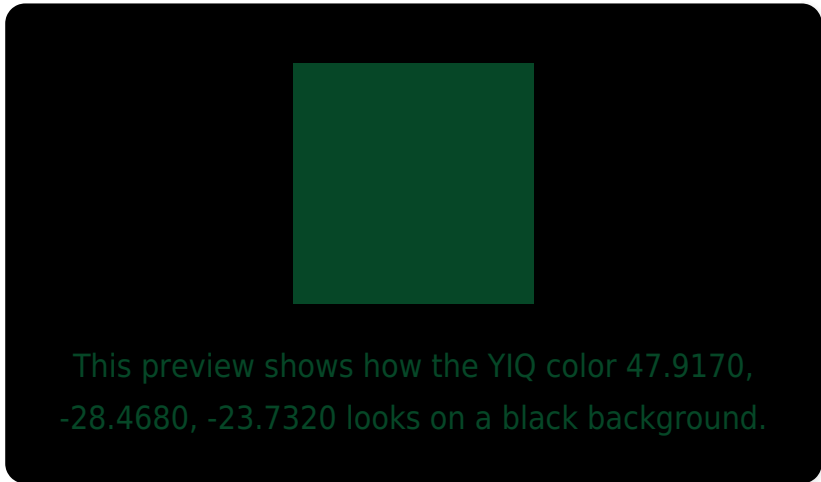
Large Text (above 18pt) WCAG AA ✓ Pass

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

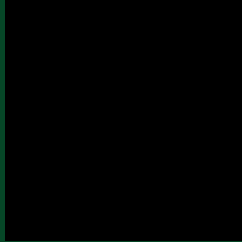
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.9170, -28.4680, -23.7320

Background



This preview shows how black text looks on a background with the YIQ color 47.9170, -28.4680, -23.7320.



This preview shows how white text looks on a background with the YIQ color 47.9170, -28.4680, -23.7320.

-23.7320.

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

47.9170, -28.4680, -23.7320

Protanopia

59.8300, 11.9220, -6.8140

Deuteranopia

61.2480, 13.8010, -2.3190



Tritanopia

55.7240, -25.7660, -6.6140

Trichromacy



Original Color

47.9170, -28.4680, -23.7320

Protanomaly

55.7140, -2.6110, -13.2590

Deuteranomaly

56.3060, -1.2820, -9.8100

Tritanomaly

52.5510, -26.9570, -12.5650

Monochromacy



Original Color

47.9170, -28.4680, -23.7320

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.8690, -10.1770, -8.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.9170, -28.4680, -23.7320 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(6, 71, 39)` looks like.

```
.text, #text, p{  
    color:rgb(6, 71, 39)  
}
```

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(6, 71, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 71, 39) }
```

Border

The CSS property to change the border of an element to YIQ 47.9170, -28.4680, -23.7320 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(6, 71, 39) }
```


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

```
.border{ border-color:rgb(6, 71, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 71, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 71, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 71, 39); box-shadow:4px  
4px 4px 4px rgb(6, 71, 39) }
```

Background

The CSS property to change the background color of an element to YIQ 47.9170, -28.4680, -23.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 71, 39) }
```

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

```
.background{ background-color: rgb(6, 71,  
39) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor