

Converting Colors

YIQ(43.5070, 2.7060, -4.9900)

Have a look what the booklet for
YIQ(43.5070, 2.7060, -4.9900)
contains.

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Color

**YIQ(43.5070, 2.7060,
-4.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2E20
RGB	43, 46, 32
RGB Percent	17%, 18%, 13%
CMY	0.8314, 0.8196, 0.8745
CMYK	0.07, 0.00, 0.30, 0.82
HSL	73°, 18%, 15%
HSV	73°, 30%, 18%
XYZ	2.2339, 2.5719, 1.7456
YIQ	43.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

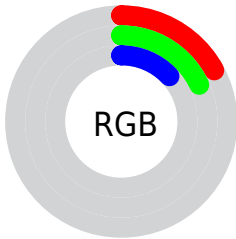
Format	Color
RYB	32, 46, 35
Decimal	2829856
CIELab	18.24, -4.37, 8.61
CIElCh	18, 9.650, 116.902
Yxy	2.5719, 0.3410, 0.3926
Android (android.graphics.Color)	4281019936 (0xFF2B2E20)
YUV	43.5070, -5.6730, -0.4446
Hunter-Lab	16.0372, -3.2006, 4.7725

Details

The YIQ color **43.5070, 2.7060, -4.9900** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.4930, -2.7060, 4.9900**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.2790, 3.3480, -5.6120**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **42.6380, 3.7150, -6.7570**, and if you desaturate by 10%, it is **44.3760, 1.6970, -3.2230**.

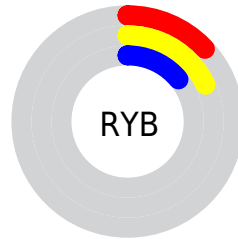
Distribution



Red (17%)

Green (18%)

Blue (13%)



Red (13%)

Yellow (18%)

Blue (14%)

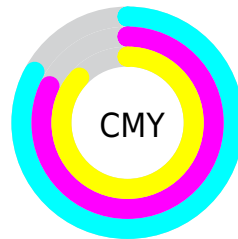


Cyan (7%)

Magenta (0%)

Yellow (30%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.5070, 2.7060, -4.9900 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 43.5070, 2.7060, -4.9900 by changing the saturation by 10% instead.

■ 43.5070, 2.7060,
-4.9900

■ 43.5070, 2.7060,
-4.9900

■ 255.0000, -0.0000,
-0.0000

■ 22.5780, 3.9440,
-5.4000

■ 89.2790, 3.3480,
-5.6120

■ 0.0000, 0.0000,
0.0000

■ 113.2790, 3.3480,
-5.6120

■ 139.1650, 3.6690,
-5.9230

■ 165.1650, 3.6690,
-5.9230

■ 192.0510, 3.9900,
-6.2340

■ 220.0510, 3.9900,

-6.2340

■ 248.6380, 3.7150,
-6.7570

■ 43.5070, 2.7060,
-4.9900

■ 43.5070, 2.7060,
-4.9900

■ 42.6380, 3.7150,
-6.7570

■ 44.3760, 1.6970,
-3.2230

■ 41.8830, 4.4030,
-8.2130

■ 45.1310, 1.0090,
-1.7670

■ 41.0140, 5.4120,
-9.9800

■ 46.0000, 0.0000,
-0.0000

■ 40.2590, 6.1000,
-11.4360

■ 46.7550, -0.6880,
1.4560

■ 39.3900, 7.1090,
-13.2030

■ 47.6240, -1.6970,
3.2230

■ 38.5210, 8.1180,
-14.9700

■ 48.4930, -2.7060,
4.9900

■ 37.7660, 8.8060,
-16.4260

■ 49.2480, -3.3940,
6.4460

■ 50.1170, -4.4030,
8.2130

■ 50.8720, -5.0910,
9.6690

Harmonies

Analogous

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



44.3120, 7.7490, -2.7710



43.5070, 2.7060, -4.9900



42.8590, -4.2170, -6.1770

Triad

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



43.5070, 2.7060, -4.9900



42.0460, -14.8090, -1.4410



46.0660, 8.8020, 5.6820

Complementary

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



43.5070, 2.7060, -4.9900



34.4930, -2.7060, 4.9900

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.



45.8420, 3.6210, 5.9650



43.5070, 2.7060, -4.9900



43.4920, -10.1330, 1.9230

Square

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



43.5070, 2.7060, -4.9900



41.1660, -15.2670, -4.1550



45.1940, -3.3020, 4.7780



45.5670, 11.6450, 3.7170

Rectangle

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



43.5070, 2.7060, -4.9900



41.8200, -8.4810, -5.9930



45.1940, -3.3020, 4.7780



45.9950, 7.5640, 6.0920

Sweetspot

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



43.5070, 2.7060, -4.9900



58.0170, 1.3300, -2.0780



37.9470, 7.5190, 1.3990



30.2450, 0.6880, -1.4560



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



43.5070, 2.7060, -4.9900



54.9970, 4.0820, -7.9020



41.4140, -1.4660, -6.4740



22.4730, 0.0460, -0.8340



71.4010, 16.6030, -31.0850



175.8500, 41.2780, -76.3060

Inverse Universe

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



34.4930, -2.7060, 4.9900



41.0030, -4.0820, 7.9020



36.5860, 1.4660, 6.4740



21.2280, -0.6420, 0.6220



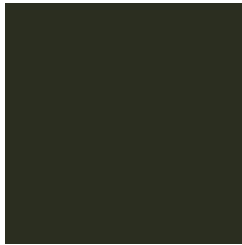
15.5990, -16.6030, 31.0850



38.1500, -41.2780, 76.3060

Previews

White Background



This preview shows how the YIQ color 43.5070, 2.7060, -4.9900 looks on a white background.

Color Contrast Check

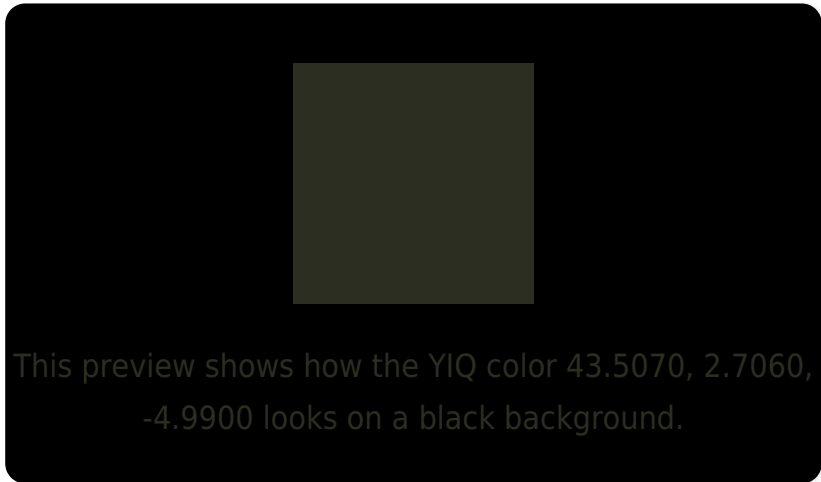
Large Text (above 18pt) WCAG AA ✓ Pass

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

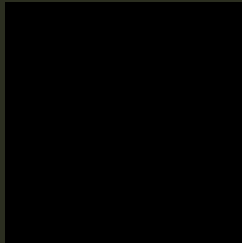
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.5070, 2.7060, -4.9900

Background



This preview shows how black text looks on a background with the YIQ color 43.5070, 2.7060, -4.9900.



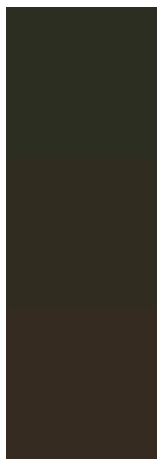
This preview shows how white text looks on a background with the YIQ color 43.5070, 2.7060,

-4.9900.

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

43.5070, 2.7060, -4.9900

Protanopia

43.7140, 6.5570, -3.1950

Deuteranopia

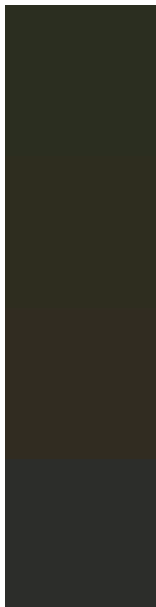
44.8500, 9.1700, -0.9900



Tritanopia

44.7550, -0.6880, 1.4560

Trichromacy



Original Color

43.5070, 2.7060, -4.9900

Protanomaly

43.7030, 5.0900, -4.1420

Deuteranomaly

44.2410, 6.5110, -2.3610

Tritanomaly

44.3590, 0.3670, -1.1450

Monochromacy



Original Color

43.5070, 2.7060, -4.9900

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.5070, 2.7060, -4.9900 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(43, 46, 32)` looks like.

```
.text, #text, p{  
    color:rgb(43, 46, 32)  
}
```

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(43, 46, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 46, 32) }
```

Border

The CSS property to change the border of an element to YIQ 43.5070, 2.7060, -4.9900 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(43, 46, 32) }
```


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

```
.border{ border-color:rgb(43, 46, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 46, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 46, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 46, 32);  
box-shadow:4px 4px 4px 4px rgb(43, 46, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.5070, 2.7060, -4.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 46, 32) }
```

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

```
.background{ background-color: rgb(43, 46,  
32) }
```

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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