

Converting Colors

YIQ(43.8900, -5.5020, 0.5940)

Have a look what the booklet for
YIQ(43.8900, -5.5020, 0.5940)
contains.

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Color

**YIQ(43.8900, -5.5020,
0.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	272D33
RGB	39, 45, 51
RGB Percent	15%, 18%, 20%
CMY	0.8471, 0.8235, 0.8000
CMYK	0.24, 0.12, 0.00, 0.80
HSL	210°, 13%, 18%
HSV	210°, 24%, 20%
XYZ	2.3725, 2.5472, 3.4978
YIQ	43.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

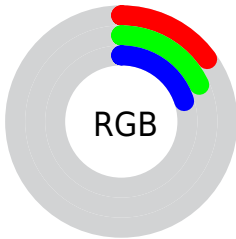
Format	Color
RYB	39, 43, 51
Decimal	2567475
CIELab	18.13, -0.99, -4.73
CIElCh	18, 4.835, 258.179
Yxy	2.5472, 0.2819, 0.3026
Android (android.graphics.Color)	4280757555 (0xFF272D33)
YUV	43.8900, 3.5052, -4.2885
Hunter-Lab	15.9600, -1.3956, -1.8221

Details

The YIQ color **43.8900, -5.5020, 0.5940** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.1100, 5.5020, -0.5940**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.5910, -6.0980, 0.3820**, and **0.4560, -1.2840, 1.2440** is the 20% darker color. If you saturate the color by 10%, you get **40.6340, -7.6570, 1.1030**, and if you desaturate by 10%, it is **47.1460, -3.3470, 0.0850**.

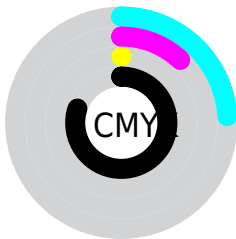
Distribution



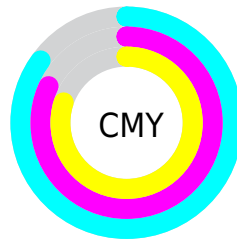
- Red (15%)
- Green (18%)
- Blue (20%)



- Red (15%)
- Yellow (17%)
- Blue (20%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (80%)



- Cyan (85%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.8900, -5.5020, 0.5940 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 43.8900, -5.5020, 0.5940 by changing the saturation by 10% instead.

■ 43.8900, -5.5020,
0.5940

■ 43.8900, -5.5020,
0.5940

■ 255.0000, -0.0000,
-0.0000

■ 23.1890, -4.9060,
0.8060

■ 89.5910, -6.0980,
0.3820

■ 0.4560, -1.2840,
1.2440

■ 113.7050, -6.4190,
0.6930

■ 0.0000, 0.0000,
0.0000

■ 139.7050, -6.4190,
0.6930

■ 165.7050, -6.4190,
0.6930

■ 192.8190, -6.7400,
1.0040

■ 220.8190, -6.7400,

1.0040

■ 249.0640, -6.0520,
-0.4520

■ 43.8900, -5.5020,
0.5940

■ 43.8900, -5.5020,
0.5940

■ 40.6340, -7.6570,
1.1030

■ 47.1460, -3.3470,
0.0850

■ 37.9650, -10.0870,
1.0890

■ 49.8150, -0.9170,
0.0990

■ 34.7090, -12.2420,
1.5980

■ 53.0710, 1.2380,
-0.4100

■ 32.0400, -14.6720,
1.5840

■ 55.7400, 3.6680,
-0.3960

■ 28.7840, -16.8270,
2.0930

■ 58.9960, 5.8230,
-0.9050

■ 25.8160, -19.8530,
1.8670

■ 61.9640, 8.8490,
-0.6790

■ 22.5600, -22.0080,
2.3760

■ 65.2200, 11.0040,
-1.1880

■ 21.0760, -23.5210,
2.2630

■ 67.8890, 13.4340,
-1.1740

■ 71.1450, 15.5890,
-1.6830

Harmonies

Analogous

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



43.3520, -6.9230, -1.1870



43.8900, -5.5020, 0.5940



44.4990, -2.8430, 1.9650

Triad

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



43.8900, -5.5020, 0.5940



44.9900, 5.9600, 2.1200



43.8210, -1.0540, -2.9260

Complementary

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



43.8900, -5.5020, 0.5940



46.1100, 5.5020, -0.5940

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.



44.2020, 2.2470, -2.1770



43.8900, -5.5020, 0.5940



44.9360, 6.0520, 0.4520

Square

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



43.8900, -5.5020, 0.5940



45.1470, 4.0800, 3.1520



44.8110, 4.9060, -0.8060



42.9670, -4.4010, -2.8410

Rectangle

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



43.8900, -5.5020, 0.5940



44.6950, -0.4590, 2.8130



44.8110, 4.9060, -0.8060



43.4190, 0.1380, -2.5020

Sweetspot

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



43.8900, -5.5020, 0.5940



63.6300, -1.8340, 0.1980



46.7280, -5.2260, -4.4100



31.5160, -1.5130, -0.1130



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



43.8900, -5.5020, 0.5940



55.3350, -8.2530, 0.8910



40.3680, -3.8520, 3.7320



23.9290, -1.2380, 0.4100



36.5610, -40.9440, 4.1440



88.7210, -99.6320, 10.4800

Inverse Universe

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



43.2720, 5.2260, 4.4100



54.4080, 7.8390, 6.6150



49.6320, 3.8520, -3.7320



24.0110, 1.4670, 0.9470



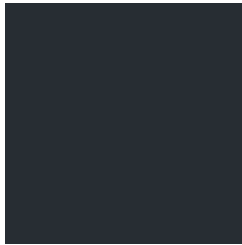
31.7410, 38.5990, 32.8630



77.3090, 94.3430, 79.9030

Previews

White Background



This preview shows how the YIQ color 43.8900, -5.5020, 0.5940 looks on a white background.

Color Contrast Check

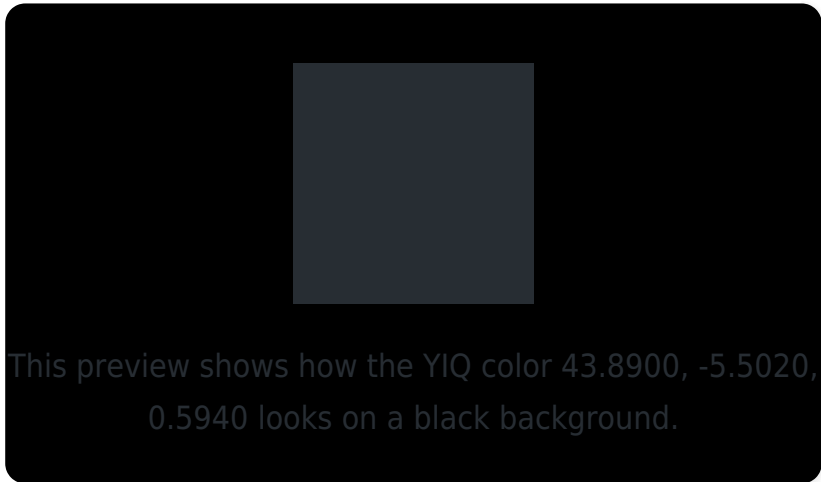
Large Text (above 18pt) WCAG AA ✓ Pass

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

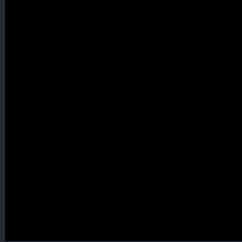
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

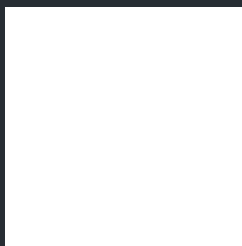
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 43.8900, -5.5020, 0.5940

Background



This preview shows how black text looks on a background with the YIQ color 43.8900, -5.5020, 0.5940.



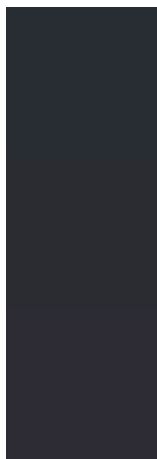
This preview shows how white text looks on a background with the YIQ color 43.8900, -5.5020,

0.5940.

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

43.8900, -5.5020, 0.5940

Protanopia

44.3850, -2.5220, 1.6540

Deuteranopia

44.5100, -1.3760, 2.9120



Tritanopia

43.6620, -4.8600, -0.0280

Trichromacy



Original Color

43.8900, -5.5020, 0.5940

Protanomaly

44.0860, -3.1180, 1.4420

Deuteranomaly

44.4990, -2.8430, 1.9650

Tritanomaly

43.7760, -5.1810, 0.2830

Monochromacy



Original Color

43.8900, -5.5020, 0.5940

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.7440, -2.1550, 0.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.8900, -5.5020, 0.5940 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(39, 45, 51)` looks like.

```
.text, #text, p{  
    color:rgb(39, 45, 51)  
}
```

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(39, 45, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 45, 51) }
```

Border

The CSS property to change the border of an element to YIQ 43.8900, -5.5020, 0.5940 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(39, 45, 51) }
```


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

```
.border{ border-color:rgb(39, 45, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 45, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 45, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 45, 51);  
box-shadow:4px 4px 4px 4px rgb(39, 45, 51)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.8900, -5.5020, 0.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 45, 51) }
```

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

```
.background{ background-color: rgb(39, 45,  
51) }
```

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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