

Converting Colors

YIQ(43.6430, -11.8760, 5.9800)

Have a look what the booklet for
YIQ(43.6430, -11.8760, 5.9800)
contains.

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Color

**YIQ(43.6430, -11.8760,
5.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	242B43
RGB	36, 43, 67
RGB Percent	14%, 17%, 26%
CMY	0.8588, 0.8314, 0.7373
CMYK	0.46, 0.36, 0.00, 0.74
HSL	226°, 30%, 20%
HSV	226°, 46%, 26%
XYZ	2.6041, 2.5081, 5.6544
YIQ	43.6430, -11.8760, 5.9800

Conversions

Conversions Part 2

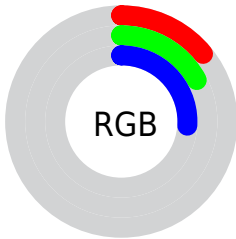
Format	Color
RYB	36, 42, 67
Decimal	2370371
CIELab	17.96, 4.38, -16.07
CIELCh	18, 16.659, 285.230
Yxy	2.5081, 0.2419, 0.2329
Android (android.graphics.Color)	4280560451 (0xFF242B43)
YUV	43.6430, 11.5150, -6.7029
Hunter-Lab	15.8369, 1.6370, -10.0830

Details

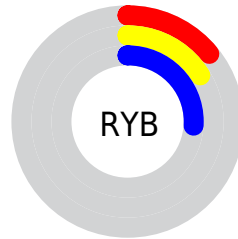
The YIQ color **43.6430, -11.8760, 5.9800** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.3570, 11.8760, -5.9800**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.2840, -12.2430, 7.1250**, and **3.3230, -7.9790, 6.9410** is the 20% darker color. If you saturate the color by 10%, you get **38.6150, -14.6730, 7.1110**, and if you desaturate by 10%, it is **48.6710, -9.0790, 4.8490**.

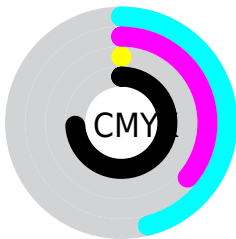
Distribution



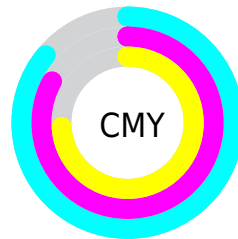
- Red (14%)
- Green (17%)
- Blue (26%)



- Red (14%)
- Yellow (16%)
- Blue (26%)



- Cyan (46%)
- Magenta (36%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (83%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.6430, -11.8760, 5.9800 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 43.6430, -11.8760, 5.9800 by changing the saturation by 10% instead.

■ 43.6430, -11.8760,
5.9800

■ 43.6430, -11.8760,
5.9800

■ 255.0000, -0.0000,
-0.0000

■ 22.8170, -12.4260,
4.9340

■ 89.2840, -12.2430,
7.1250

■ 3.3230, -7.9790,
6.9410

■ 114.3980,
-12.5640, 7.4360

■ 0.0000, 0.0000,
0.0000

■ 139.5120,
-12.8850, 7.7470

■ 165.9250,
-12.6100, 8.2700

■ 193.0390,
-12.9310, 8.5810

■ 221.1530,

-13.2520, 8.8920

247.0040, -5.8230,
0.9050

43.6430, -11.8760,
5.9800

43.6430, -11.8760,
5.9800

38.6150, -14.6730,
7.1110

48.6710, -9.0790,
4.8490

33.8860, -16.8740,
8.4540

53.4000, -6.8780,
3.5060

28.2710, -19.3960,
10.1080

59.0150, -4.3560,
1.8520

23.2430, -22.1930,
11.2390

64.0430, -1.5590,
0.7210

18.5140, -24.3940,
12.5820

68.7720, 0.6420,
-0.6220

■ 16.4430, -25.6320,
12.9920

■ 73.8000, 3.4390,
-1.7530

■ 78.8280, 6.2360,
-2.8840

■ 83.8560, 9.0330,
-4.0150

■ 89.1720, 10.9590,
-5.8810

Harmonies

Analogous

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



39.1140, -26.6840, -0.9880



43.6430, -11.8760, 5.9800



45.6940, 1.2820, 9.8100

Triad

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



43.6430, -11.8760, 5.9800



43.9330, 19.3020, 2.6140



38.3520, -16.0910, -11.2510

Complementary

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



43.6430, -11.8760, 5.9800



59.3570, 11.8760, -5.9800

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.



40.8220, -2.7950, -9.9230



43.6430, -11.8760, 5.9800



43.5040, 15.9560, -2.8280

Square

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



43.6430, -11.8760, 5.9800



44.3230, 18.3840, 8.2400



42.1500, 8.0250, -7.7750



35.0500, -29.8000, -10.6000

Rectangle

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



43.6430, -11.8760, 5.9800



45.5270, 9.1220, 10.8980



42.1500, 8.0250, -7.7750



39.1030, -10.9560, -10.7000

Sweetspot

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



43.6430, -11.8760, 5.9800



77.5420, -4.4020, 2.6860



56.9330, -16.2290, -8.7490



37.9720, -2.7970, 1.1310



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.



43.6430, -11.8760, 5.9800



50.0430, -18.7540, 9.4860



41.9260, -5.1830, 11.3370



30.9290, -1.2380, 0.4100



23.9720, -37.1870, 18.6610



55.4730, -85.9290, 42.9910

Inverse Universe

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



46.0670, 16.2290, 8.7490



53.9050, 25.6730, 13.8090



61.0740, 5.1830, -11.3370



31.0110, 1.4670, 0.9470



31.5110, 50.7500, 27.4060



72.7900, 117.1330, 63.3490

Previews

White Background



This preview shows how the YIQ color 43.6430, -11.8760, 5.9800 looks on a white background.

Color Contrast Check

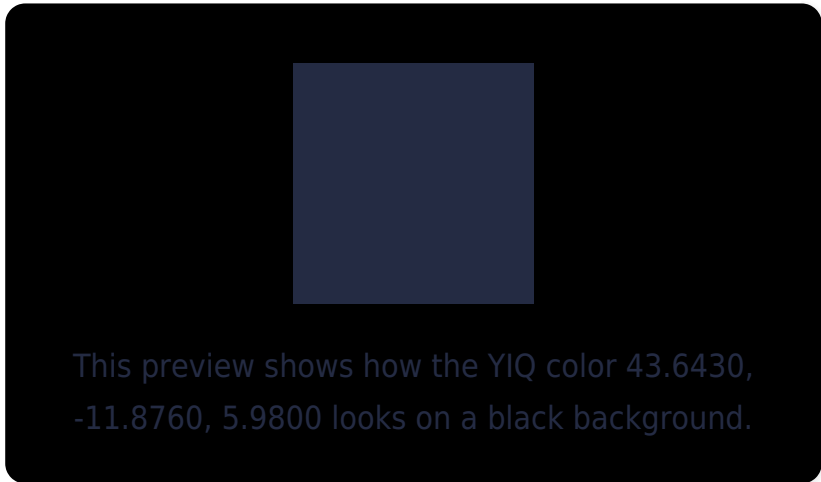
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6430, -11.8760, 5.9800

Background



This preview shows how black text looks on a background with the YIQ color 43.6430, -11.8760, 5.9800.



This preview shows how white text looks on a background with the YIQ color 43.6430, -11.8760,

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

43.6430, -11.8760, 5.9800

Protanopia

43.3440, -12.4720, 5.7680

Deuteranopia

43.3330, -13.9390, 4.8210



Tritanopia

41.9710, -10.2240, -1.9360

Trichromacy



Original Color

43.6430, -11.8760, 5.9800

Protanomaly

43.3440, -12.4720, 5.7680

Deuteranomaly

43.6320, -13.3430, 5.0330

Tritanomaly

42.6660, -10.6830, 0.8770

Monochromacy



Original Color

43.6430, -11.8760, 5.9800

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0150, -4.3560, 1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.6430, -11.8760, 5.9800 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(36, 43, 67)` looks like.

```
.text, #text, p{  
    color:rgb(36, 43, 67)  
}
```

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(36, 43, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 43, 67) }
```

Border

The CSS property to change the border of an element to YIQ 43.6430, -11.8760, 5.9800 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(36, 43, 67) }
```


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

```
.border{ border-color:rgb(36, 43, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 43, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 43, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 43, 67);  
box-shadow:4px 4px 4px 4px rgb(36, 43, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.6430, -11.8760, 5.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 43, 67) }
```

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

```
.background{ background-color: rgb(36, 43,  
67) }
```

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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