

Converting Colors

YIQ(48.8880, -11.1880, 4.5240)

Have a look what the booklet for
YIQ(48.8880, -11.1880, 4.5240)
contains.

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Color

**YIQ(48.8880, -11.1880,
4.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	293145
RGB	41, 49, 69
RGB Percent	16%, 19%, 27%
CMY	0.8392, 0.8078, 0.7295
CMYK	0.41, 0.29, 0.00, 0.73
HSL	223°, 25%, 22%
HSV	223°, 41%, 27%
XYZ	3.0865, 3.0978, 6.0630
YIQ	48.8880, -11.1880, 4.5240

Conversions

Conversions Part 2

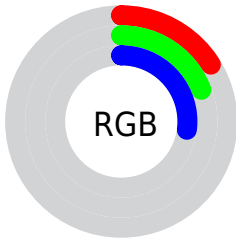
Format	Color
RYB	41, 47, 69
Decimal	2699589
CIELab	20.43, 2.49, -13.56
CIELCh	20, 13.787, 280.398
Yxy	3.0978, 0.2520, 0.2529
Android (android.graphics.Color)	4280889669 (0xFF293145)
YUV	48.8880, 9.9152, -6.9178
Hunter-Lab	17.6005, 0.5021, -8.1038

Details

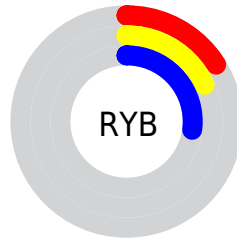
The YIQ color **48.8880, -11.1880, 4.5240** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.1120, 11.1880, -4.5240**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.1160, -11.8300, 5.1460**, and **3.5510, -8.6210, 7.5630** is the 20% darker color. If you saturate the color by 10%, you get **43.8600, -13.9850, 5.6550**, and if you desaturate by 10%, it is **53.9160, -8.3910, 3.3930**.

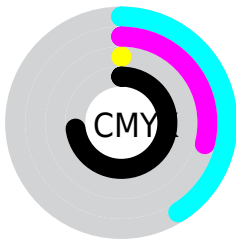
Distribution



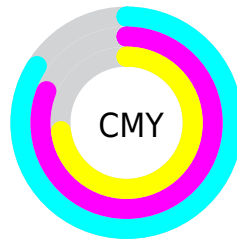
- Red (16%)
- Green (19%)
- Blue (27%)



- Red (16%)
- Yellow (18%)
- Blue (27%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.8880, -11.1880, 4.5240 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 48.8880, -11.1880, 4.5240 by changing the saturation by 10% instead.

■ 48.8880, -11.1880,
4.5240

■ 48.8880, -11.1880,
4.5240

■ 255.0000, -0.0000,
-0.0000

■ 27.4750, -11.4630,
4.0010

■ 95.1160, -11.8300,
5.1460

■ 3.5510, -8.6210,
7.5630

■ 120.2300,
-12.1510, 5.4570

■ 0.0000, 0.0000,
0.0000

■ 145.6430,
-11.8760, 5.9800

■ 172.4580,
-12.7930, 6.0790

■ 199.5720,
-13.1140, 6.3900

■ 227.5720,

-13.1140, 6.3900

252.9070, -4.1720,
-1.4840

48.8880, -11.1880,
4.5240

48.8880, -11.1880,
4.5240

43.8600, -13.9850,
5.6550

53.9160, -8.3910,
3.3930

38.8320, -16.7820,
6.7860

58.9440, -5.5940,
2.2620

33.8040, -19.5790,
7.9170

63.9720, -2.7970,
1.1310

28.7760, -22.3760,
9.0480

69.0000, -0.0000,
-0.0000

24.0470, -24.5770,
10.3910

73.7290, 2.2010,
-1.3430

■ 19.6060, -27.6490,
10.9990

■ 78.7570, 4.9980,
-2.4740

■ 83.1980, 8.0700,
-3.0820

■ 88.2260, 10.8670,
-4.2130

■ 93.2540, 13.6640,
-5.3440

Harmonies

Analogous

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



46.0500, -20.6320, -0.5360



48.8880, -11.1880, 4.5240



50.2700, -0.4600, 8.3400

Triad

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



48.8880, -11.1880, 4.5240



49.7910, 16.8260, 3.4340



45.4560, -10.4520, -8.8200

Complementary

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



48.8880, -11.1880, 4.5240



61.1120, 11.1880, -4.5240

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.



47.5450, -0.4570, -8.2410



48.8880, -11.1880, 4.5240



48.9600, 14.6720, -1.5840

Square

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



48.8880, -11.1880, 4.5240



50.5290, 14.8080, 6.9680



48.5030, 8.5290, -5.8950



43.7090, -21.4100, -8.4660

Rectangle

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



48.8880, -11.1880, 4.5240



50.5050, 6.1880, 9.0040



48.5030, 8.5290, -5.8950



46.3100, -7.1050, -8.9050

Sweetspot

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



48.8880, -11.1880, 4.5240



81.9010, -4.0350, 1.5410



59.7160, -14.1200, -8.4240



40.9720, -2.7970, 1.1310



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.



48.8880, -11.1880, 4.5240



57.9460, -17.1030, 7.0970



45.9860, -5.4120, 9.9800



33.0430, -1.5590, 0.7210



27.7220, -39.4790, 16.1450



64.0330, -90.7420, 36.6020

Inverse Universe

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



50.2840, 14.1200, 8.4240



60.2250, 21.7760, 12.8480



64.0140, 5.4120, -9.9800



33.3100, 2.0630, 1.1590



32.7930, 50.0160, 29.6960



75.2830, 114.4270, 68.3390

Previews

White Background



This preview shows how the YIQ color 48.8880, -11.1880, 4.5240 looks on a white background.

Color Contrast Check

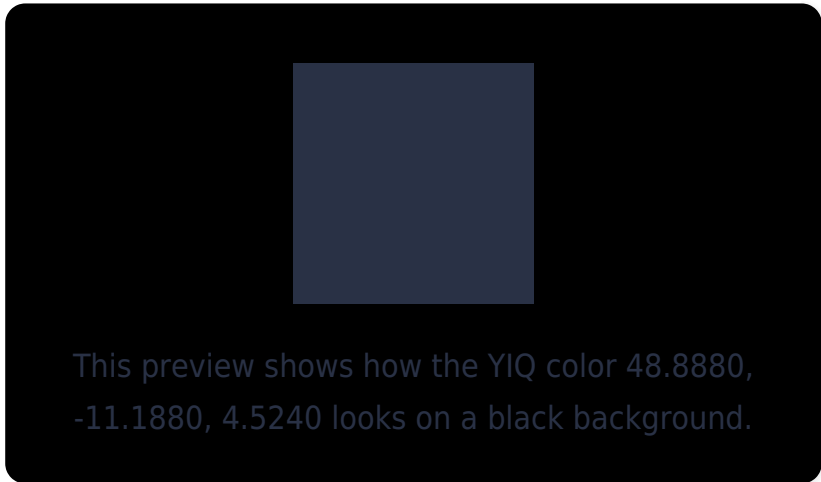
Large Text (above 18pt) WCAG AA ✓ Pass

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

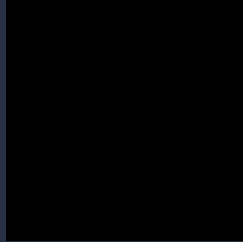
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

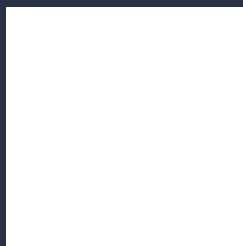
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 48.8880, -11.1880, 4.5240

Background



This preview shows how black text looks on a background with the YIQ color 48.8880, -11.1880, 4.5240.

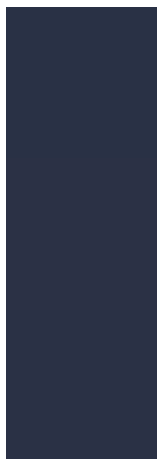


This preview shows how white text looks on a background with the YIQ color 48.8880, -11.1880,

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

48.8880, -11.1880, 4.5240

Protanopia

49.4860, -9.9960, 4.9480

Deuteranopia

49.1870, -10.5920, 4.7360



Tritanopia

48.2700, -9.6280, -1.7240

Trichromacy



Original Color

48.8880, -11.1880, 4.5240

Protanomaly

49.1870, -10.5920, 4.7360

Deuteranomaly

49.1870, -10.5920, 4.7360

Tritanomaly

48.5520, -10.3620, 0.5660

Monochromacy



Original Color

48.8880, -11.1880, 4.5240

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.9010, -4.0350, 1.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.8880, -11.1880, 4.5240 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(41, 49, 69)` looks like.

```
.text, #text, p{  
    color:rgb(41, 49, 69)  
}
```

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(41, 49, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 49, 69) }
```

Border

The CSS property to change the border of an element to YIQ 48.8880, -11.1880, 4.5240 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(41, 49, 69) }
```


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

```
.border{ border-color:rgb(41, 49, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 49, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 49, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 49, 69);  
box-shadow:4px 4px 4px 4px rgb(41, 49, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.8880, -11.1880, 4.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 49, 69) }
```

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

```
.background{ background-color: rgb(41, 49,  
69) }
```

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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