

Converting Colors

YIQ(62.8430, -7.2880, -11.0960)

Have a look what the booklet for
YIQ(62.8430, -7.2880, -11.0960)
contains.

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Color

**YIQ(62.8430, -7.2880,
-11.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	314834
RGB	49, 72, 52
RGB Percent	19%, 28%, 20%
CMY	0.8079, 0.7176, 0.7961
CMYK	0.32, 0.00, 0.28, 0.72
HSL	128°, 19%, 24%
HSV	128°, 32%, 28%
XYZ	4.2035, 5.5364, 4.0955
YIQ	62.8430, -7.2880, -11.0960

Conversions

Conversions Part 2

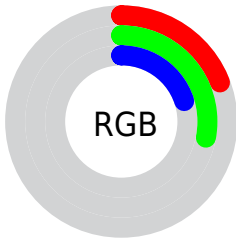
Format	Color
RYB	49, 69, 72
Decimal	3229748
CIELab	28.21, -13.75, 9.22
CIElCh	28, 16.551, 146.164
Yxy	5.5364, 0.3038, 0.4002
Android (android.graphics.Color)	4281419828 (0xFF314834)
YUV	62.8430, -5.3456, -12.1403
Hunter-Lab	23.5296, -9.2879, 6.1509

Details

The YIQ color **62.8430, -7.2880, -11.0960** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **58.1570, 7.2880, 11.0960**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0170, -7.8380, -12.1420**, and **19.3160, -7.2420, -11.9300** is the 20% darker color. If you saturate the color by 10%, you get **60.0660, -9.5340, -14.4460**, and if you desaturate by 10%, it is **65.6200, -5.0420, -7.7460**.

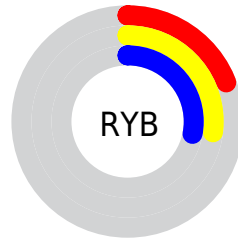
Distribution



Red (19%)

Green (28%)

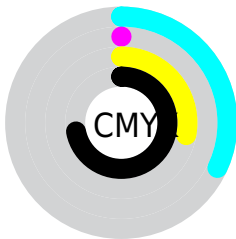
Blue (20%)



Red (19%)

Yellow (27%)

Blue (28%)

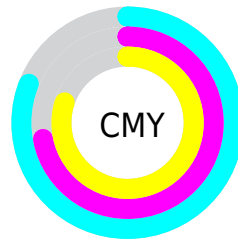


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (72%)



Cyan (81%)

Magenta (72%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8430, -7.2880, -11.0960 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 62.8430, -7.2880, -11.0960 by changing the saturation by 10% instead.

■ 62.8430, -7.2880,
-11.0960

■ 62.8430, -7.2880,
-11.0960

■ 255.0000, -0.0000,
-0.0000

■ 40.3700, -7.3340,
-10.2620

■ 111.0170, -7.8380,
-12.1420

■ 19.3160, -7.2420,
-11.9300

■ 135.9030, -7.5170,
-12.4530

■ 0.0000, 0.0000,
0.0000

■ 162.4900, -7.7920,
-12.9760

■ 189.1910, -8.3880,
-13.1880

■ 217.6640, -8.3420,
-14.0220

■ 244.6040, -8.1130,

-12.6650

■ 62.8430, -7.2880,
-11.0960

■ 62.8430, -7.2880,
-11.0960

■ 60.0660, -9.5340,
-14.4460

■ 65.6200, -5.0420,
-7.7460

■ 57.1750, -11.4590,
-18.1070

■ 68.5110, -3.1170,
-4.0850

■ 54.0990, -14.3010,
-21.6690

■ 71.5870, -0.2750,
-0.5230

■ 51.3220, -16.5470,
-25.0190

■ 74.3640, 1.9710,
2.8270

■ 48.5450, -18.7930,
-28.3690

■ 77.1410, 4.2170,
6.1770

■ 45.6540, -20.7180,
-32.0300

■ 80.0320, 6.1420,
9.8380

■ 43.2900, -22.6890,
-34.8570

■ 82.8090, 8.3880,
13.1880

■ 85.8850, 11.2300,
16.7500

■ 88.6620, 13.4760,
20.1000

Harmonies

Analogous

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



64.5410, 5.3660, -9.1460



62.8430, -7.2880, -11.0960



60.3130, -20.3550, -11.0670

Triad

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



62.8430, -7.2880, -11.0960



64.4570, -20.2200, 3.0120



67.9380, 20.9060, 6.5860

Complementary

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



62.8430, -7.2880, -11.0960



58.1570, 7.2880, 11.0960

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.



68.2350, 15.8160, 10.7280



62.8430, -7.2880, -11.0960



67.4480, -6.8330, 8.1990

Square

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



62.8430, -7.2880, -11.0960



60.8530, -30.4430, -4.4510



68.6730, 5.7750, 10.9830



67.0640, 20.3110, 0.8470

Rectangle

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



62.8430, -7.2880, -11.0960



59.5340, -28.2870, -10.4870



68.6730, 5.7750, 10.9830



67.8070, 19.8970, 8.3530

Sweetspot

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



62.8430, -7.2880, -11.0960



90.3970, -2.7960, -4.3960



68.4810, 5.5950, -7.7890



45.9350, -1.3750, -2.6150



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



62.8430, -7.2880, -11.0960



79.7020, -11.5050, -17.2730



64.0970, -10.8190, -7.6750



34.4620, -1.4210, -1.7810



59.5950, -31.3980, -47.7340



136.6690, -72.0550, -109.3910

Inverse Universe

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



58.1570, 7.2880, 11.0960



72.4120, 11.1840, 17.5840



56.9030, 10.8190, 7.6750



33.5380, 1.4210, 1.7810



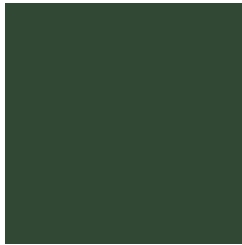
39.4050, 31.3980, 47.7340



90.3310, 72.0550, 109.3910

Previews

White Background



This preview shows how the YIQ color 62.8430, -7.2880, -11.0960 looks on a white background.

Color Contrast Check

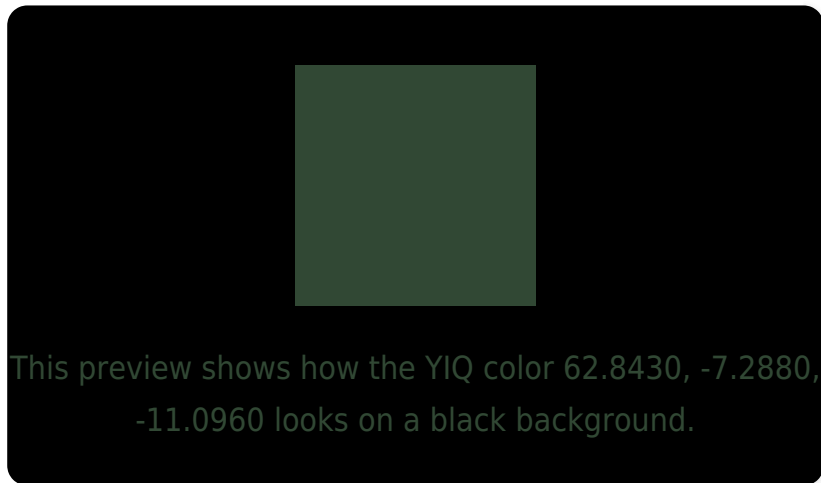
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.8430, -7.2880, -11.0960

Background



This preview shows how black text looks on a background with the YIQ color 62.8430, -7.2880, -11.0960.



This preview shows how white text looks on a background with the YIQ color 62.8430, -7.2880,

-11.0960.

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

62.8430, -7.2880, -11.0960

Protanopia

65.5570, 8.4370, -4.2270

Deuteranopia

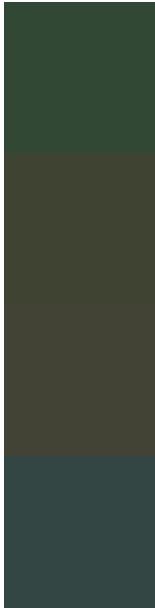
66.7470, 10.9580, -0.3540



Tritanopia

64.9000, -11.4620, -1.5260

Trichromacy



Original Color

62.8430, -7.2880, -11.0960

Protanomaly

64.4530, 2.7980, -6.6580

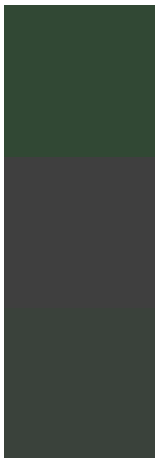
Deuteranomaly

65.4040, 4.4940, -4.3540

Tritanomaly

64.2760, -9.7650, -4.7490

Monochromacy



Original Color

62.8430, -7.2880, -11.0960

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8100, -2.5210, -3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.8430, -7.2880, -11.0960 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(49, 72, 52)` looks like.

```
.text, #text, p{  
    color:rgb(49, 72, 52)  
}
```

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(49, 72, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 72, 52) }
```

Border

The CSS property to change the border of an element to YIQ 62.8430, -7.2880, -11.0960 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(49, 72, 52) }
```


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

```
.border{ border-color:rgb(49, 72, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 72, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 72, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 72, 52);  
box-shadow:4px 4px 4px 4px rgb(49, 72, 52)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.8430, -7.2880, -11.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 72, 52) }
```

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

```
.background{ background-color: rgb(49, 72,  
52) }
```

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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