

Converting Colors

YIQ(62.8840, 3.8030, 13.6830)

Have a look what the booklet for
YIQ(62.8840, 3.8030, 13.6830)
contains.

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Color

**YIQ(62.8840, 3.8030,
13.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3552
RGB	75, 53, 82
RGB Percent	29%, 21%, 32%
CMY	0.7058, 0.7922, 0.6784
CMYK	0.09, 0.35, 0.00, 0.68
HSL	286°, 21%, 26%
HSV	286°, 35%, 32%
XYZ	5.6987, 4.6511, 8.5797
YIQ	62.8840, 3.8030, 13.6830

Conversions

Conversions Part 2

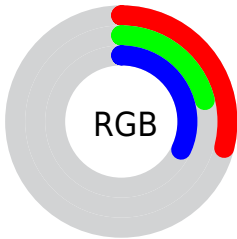
Format	Color
R_{YB}	75, 53, 82
Decimal	4928850
CIE _{Lab}	25.72, 15.88, -13.82
CIE _{LCh}	26, 21.052, 318.976
Yxy	4.6511, 0.3010, 0.2457
Android (android.graphics.Color)	4283118930 (0xFF4B3552)
YUV	62.8840, 9.4242, 10.6257
Hunter-Lab	21.5664, 9.4251, -8.4905

Details

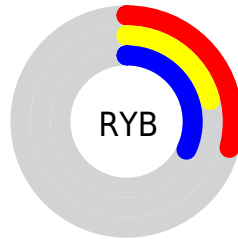
The YIQ color **62.8840, 3.8030, 13.6830** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **72.1160, -3.8030, -13.6830**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7100, 4.3530, 14.7290**, and **19.3570, 3.8490, 12.8490** is the 20% darker color. If you saturate the color by 10%, you get **57.5900, 4.8110, 17.4430**, and if you desaturate by 10%, it is **68.1780, 2.7950, 9.9230**.

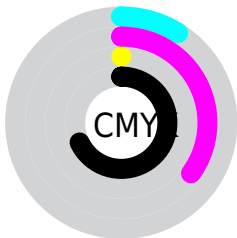
Distribution



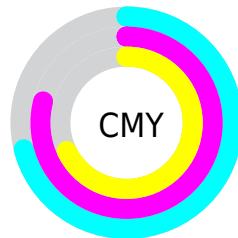
- Red (29%)
- Green (21%)
- Blue (32%)



- Red (29%)
- Yellow (21%)
- Blue (32%)



- Cyan (9%)
- Magenta (35%)
- Yellow (0%)
- Black (68%)



- Cyan (71%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8840, 3.8030, 13.6830 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 62.8840, 3.8030, 13.6830 by changing the saturation by 10% instead.

■ 62.8840, 3.8030,
13.6830

■ 62.8840, 3.8030,
13.6830

■ 255.0000, -0.0000,
-0.0000

■ 40.4710, 3.5280,
13.1600

■ 110.7100, 4.3530,
14.7290

■ 19.3570, 3.8490,
12.8490

■ 136.2370, 4.3070,
15.5630

■ 2.2970, -5.0900,
4.1420

■ 162.6500, 4.5820,
16.0860

■ 0.0000, 0.0000,
0.0000

■ 189.9490, 5.1780,
16.2980

■ 217.4760, 5.1320,
17.1320

■ 242.0860, 6.0500,

11.5060

■ 62.8840, 3.8030,
13.6830

■ 62.8840, 3.8030,
13.6830

■ 57.5900, 4.8110,
17.4430

■ 68.1780, 2.7950,
9.9230

■ 52.2960, 5.8190,
21.2030

■ 73.4720, 1.7870,
6.1630

■ 46.4150, 7.1020,
25.4860

■ 79.3530, 0.5040,
1.8800

■ 41.1210, 8.1100,
29.2460

■ 84.6470, -0.5040,
-1.8800

■ 35.8270, 9.1180,
33.0060

■ 89.9410, -1.5120,
-5.6400

■ 30.5330, 10.1260,
36.7660

■ 95.2350, -2.5200,
-9.4000

■ 27.8860, 10.6300,
38.6460

■ 100.5290, -3.5280,
-13.1600

■ 106.4100, -4.8110,
-17.4430

■ 111.7040, -5.8190,
-21.2030

Harmonies

Analogous

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



60.8540, -13.8480, 8.6800



62.8840, 3.8030, 13.6830



62.7130, 17.4660, 13.8660

Triad

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



62.8840, 3.8030, 13.6830



60.0760, 20.0370, -5.2030



48.5970, -41.7660, -14.0060

Complementary

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



62.8840, 3.8030, 13.6830



72.1160, -3.8030, -13.6830

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.



52.3400, -24.9850, -15.2650



62.8840, 3.8030, 13.6830



58.6400, 9.4010, -10.6870

Square

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



62.8840, 3.8030, 13.6830



60.7550, 25.6750, 2.7550



56.6320, -5.3160, -13.7960



49.6060, -45.9850, -9.1290

Rectangle

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



62.8840, 3.8030, 13.6830



61.8830, 22.7390, 11.9150



56.6320, -5.3160, -13.7960



47.9130, -39.8400, -15.8720

Sweetspot

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



62.8840, 3.8030, 13.6830



99.0590, 1.5120, 5.6400



60.4150, -11.2340, 5.3580



49.2930, 0.7330, 3.2370



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



62.8840, 3.8030, 13.6830



77.2960, 5.8190, 21.2030



64.1790, 10.2220, 12.9900



38.3530, 0.5040, 1.8800



35.5910, 13.3790, 49.4030



79.0720, 30.4240, 109.4640

Inverse Universe

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



62.4690, 15.0370, 8.3250



76.7090, 23.2890, 12.9610



70.8210, -10.2220, -12.9900



38.3100, 2.0630, 1.1590



34.2450, 54.5550, 30.0350



75.7520, 120.2960, 66.6000

Previews

White Background



This preview shows how the YIQ color 62.8840, 3.8030, 13.6830 looks on a white background.

Color Contrast Check

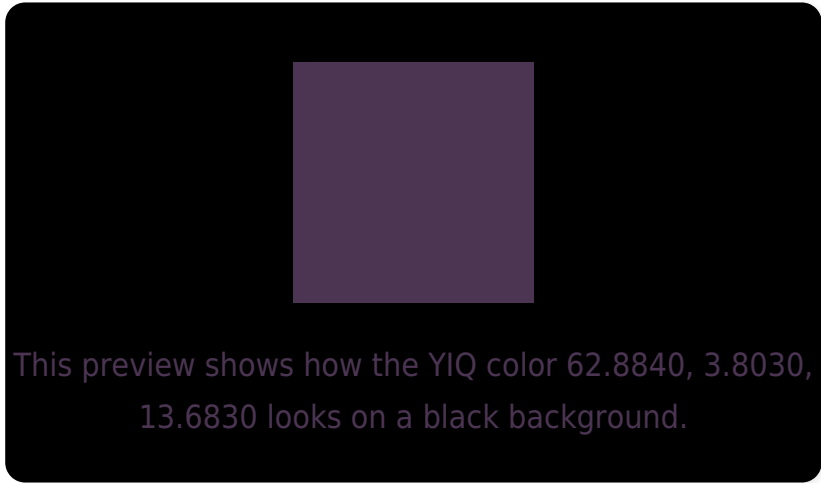
Large Text (above 18pt) WCAG AA ✓ Pass

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

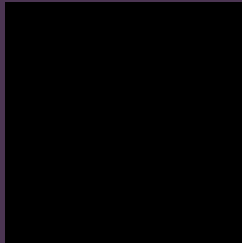
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.8840, 3.8030, 13.6830

Background



This preview shows how black text looks on a background with the YIQ color 62.8840, 3.8030, 13.6830.



This preview shows how white text looks on a background with the YIQ color 62.8840, 3.8030,

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

62.8840, 3.8030, 13.6830

Protanopia

60.8000, -13.7560, 7.0120

Deuteranopia

61.1980, -9.1250, 5.6830



Tritanopia

62.0550, 7.3350, 4.7350

Trichromacy



Original Color

62.8840, 3.8030, 13.6830

Protanomaly

61.2030, -7.5210, 9.6550

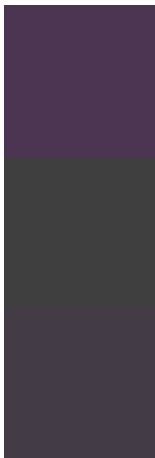
Deuteranomaly

61.5300, -4.1280, 8.7360

Tritanomaly

62.5650, 5.9590, 7.6470

Monochromacy



Original Color

62.8840, 3.8030, 13.6830

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.6460, 1.2370, 5.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.8840, 3.8030, 13.6830 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(75, 53, 82)` looks like.

```
.text, #text, p{  
    color:rgb(75, 53, 82)  
}
```

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(75, 53, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 53, 82) }
```

Border

The CSS property to change the border of an element to YIQ 62.8840, 3.8030, 13.6830 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(75, 53, 82) }
```


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

```
.border{ border-color:rgb(75, 53, 82) }
```

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

Here you see how a box with a 4 pixel rgb(75, 53, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 53, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 53, 82);  
box-shadow:4px 4px 4px 4px rgb(75, 53, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.8840, 3.8030, 13.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 53, 82) }
```

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

```
.background{ background-color: rgb(75, 53,  
82) }
```

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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