

Converting Colors

YIQ(62.8550, 2.7470, 21.8110)

Have a look what the booklet for
YIQ(62.8550, 2.7470, 21.8110)
contains.

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Color

**YIQ(62.8550, 2.7470,
21.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	4F3061
RGB	79, 48, 97
RGB Percent	31%, 19%, 38%
CMY	0.6901, 0.8118, 0.6196
CMYK	0.19, 0.51, 0.00, 0.62
HSL	278°, 34%, 28%
HSV	278°, 51%, 38%
XYZ	6.4404, 4.6392, 11.8636
YIQ	62.8550, 2.7470, 21.8110

Conversions

Conversions Part 2

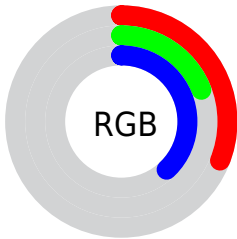
Format	Color
RYB	79, 48, 97
Decimal	5189729
CIELab	25.68, 24.18, -23.66
CIElCh	26, 33.833, 315.626
Yxy	4.6392, 0.2807, 0.2022
Android (android.graphics.Color)	4283379809 (0xFF4F3061)
YUV	62.8550, 16.8335, 14.1592
Hunter-Lab	21.5388, 15.6814, -17.5798

Details

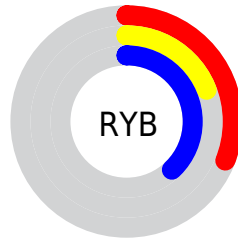
The YIQ color **62.8550, 2.7470, 21.8110** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.1450, -2.7470, -21.8110**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2080, 3.2510, 23.6910**, and **17.9150, 2.5180, 20.4540** is the 20% darker color. If you saturate the color by 10%, you get **55.7890, 3.1130, 26.1930**, and if you desaturate by 10%, it is **69.9210, 2.3810, 17.4290**.

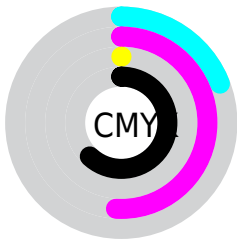
Distribution



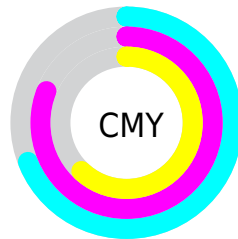
- Red (31%)
- Green (19%)
- Blue (38%)



- Red (31%)
- Yellow (19%)
- Blue (38%)



- Cyan (19%)
- Magenta (51%)
- Yellow (0%)
- Black (62%)



- Cyan (69%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8550, 2.7470, 21.8110 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 62.8550, 2.7470, 21.8110 by changing the saturation by 10% instead.

62.8550, 2.7470,
21.8110

62.8550, 2.7470,
21.8110

255.0000, -0.0000,
-0.0000

40.0290, 2.1970,
20.7650

111.2080, 3.2510,
23.6910

17.9150, 2.5180,
20.4540

137.0340, 3.8010,
24.7370

3.3060, -9.3090,
9.0190

163.4470, 4.0760,
25.2600

0.0000, 0.0000,
0.0000

190.8600, 4.3510,
25.7830

218.2300, 6.1850,
25.5850

239.1510, 7.4250,

14.1210

■ 62.8550, 2.7470,
21.8110

■ 62.8550, 2.7470,
21.8110

■ 55.7890, 3.1130,
26.1930

■ 69.9210, 2.3810,
17.4290

■ 49.6090, 3.8000,
30.2640

■ 76.1010, 1.6940,
13.3580

■ 42.5430, 4.1660,
34.6460

■ 83.1670, 1.3280,
8.9760

■ 35.7760, 5.1280,
39.2400

■ 89.9340, 0.3660,
4.3820

■ 29.2970, 5.2190,
43.0990

■ 96.4130, 0.2750,
0.5230

■ 103.1800, -0.6870,
-4.0710

■ 110.2460, -1.0530,
-8.4530

■ 117.0130, -2.0150,
-13.0470

■ 123.4920, -2.1060,
-16.9060

Harmonies

Analogous

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



57.6380, -30.6750, 10.7730



62.8550, 2.7470, 21.8110



60.9410, 25.9920, 24.5520

Triad

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



62.8550, 2.7470, 21.8110



58.0850, 33.0130, -9.0910



51.2870, -43.8290, -15.1650

Complementary

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



62.8550, 2.7470, 21.8110



82.1450, -2.7470, -21.8110

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.



47.6220, -34.8870, -23.0390



62.8550, 2.7470, 21.8110



56.2630, 17.4720, -19.2960

Square

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



62.8550, 2.7470, 21.8110



59.1650, 39.2000, 5.4400



52.2800, -7.5610, -22.6730



53.3220, -50.9370, -7.4890

Rectangle

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



62.8550, 2.7470, 21.8110



59.6230, 35.5750, 21.5830



52.2800, -7.5610, -22.6730



50.2610, -40.9400, -17.9640

Sweetspot

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



62.8550, 2.7470, 21.8110



111.7540, 1.0530, 8.4530



64.1520, -20.6790, 5.8250



55.7600, 0.9160, 5.4280



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



62.8550, 2.7470, 21.8110



72.0160, 4.2120, 33.8120



67.4390, 15.7220, 23.4500



45.3530, 0.5040, 1.8800



33.9970, 6.3640, 49.8840



72.8080, 13.5520, 106.8640

Inverse Universe

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



64.7030, 23.4260, 15.9860



74.9160, 36.3080, 24.8200



77.5610, -15.7220, -23.4500



45.3100, 2.0630, 1.1590



38.1620, 53.5910, 36.4950



81.7920, 114.7920, 78.2480

Previews

White Background



This preview shows how the YIQ color 62.8550, 2.7470, 21.8110 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

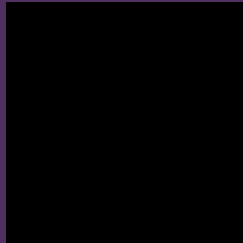
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.8550, 2.7470, 21.8110

Background



This preview shows how black text looks on a background with the YIQ color 62.8550, 2.7470, 21.8110.



This preview shows how white text looks on a background with the YIQ color 62.8550, 2.7470,

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

62.8550, 2.7470, 21.8110

Protanopia

59.1930, -27.9240, 10.4760

Deuteranopia

59.6790, -20.7250, 6.6590



Tritanopia

62.2400, 8.2520, 4.6360

Trichromacy



Original Color

62.8550, 2.7470, 21.8110

Protanomaly

60.8740, -16.6000, 14.5040

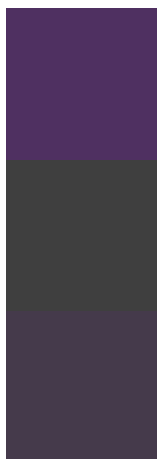
Deuteranomaly

60.7450, -11.9230, 12.3410

Tritanomaly

62.5590, 6.0960, 10.6720

Monochromacy



Original Color

62.8550, 2.7470, 21.8110

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2270, 1.0990, 7.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.8550, 2.7470, 21.8110 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(79, 48, 97)` looks like.

```
.text, #text, p{  
    color:rgb(79, 48, 97)  
}
```

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(79, 48, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 48, 97) }
```

Border

The CSS property to change the border of an element to YIQ 62.8550, 2.7470, 21.8110 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(79, 48, 97) }
```


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

```
.border{ border-color:rgb(79, 48, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 48, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 48, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 48, 97);  
box-shadow:4px 4px 4px 4px rgb(79, 48, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.8550, 2.7470, 21.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 48, 97) }
```

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

```
.background{ background-color: rgb(79, 48,  
97) }
```

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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