

Converting Colors

YIQ(62.8810, -27.6460, -5.5820)

Have a look what the booklet for
YIQ(62.8810, -27.6460, -5.5820)
contains.

YIQ(62.8810, -27.6460, -5.5820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(62.8810, -27.6460,
-5.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	214A54
RGB	33, 74, 84
RGB Percent	13%, 29%, 33%
CMY	0.8707, 0.7097, 0.6707
CMYK	0.61, 0.12, 0.00, 0.67
HSL	192°, 44%, 23%
HSV	192°, 61%, 33%
XYZ	4.6754, 5.8624, 9.2665
YIQ	62.8810, -27.6460, -5.5820

Conversions

Conversions Part 2

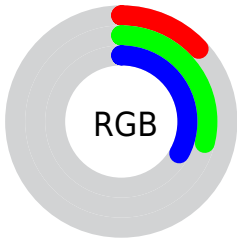
Format	Color
R_{YB}	33, 56, 84
Decimal	2181716
CIE _{Lab}	29.06, -11.03, -10.28
CIE _{LCh}	29, 15.079, 222.972
Yxy	5.8624, 0.2361, 0.2960
Android (android.graphics.Color)	4280371796 (0xFF214A54)
YUV	62.8810, 10.4117, -26.2056
Hunter-Lab	24.2125, -7.9033, -5.7425

Details

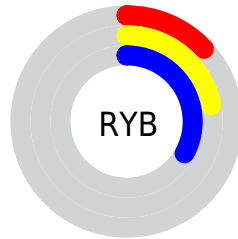
The YIQ color **62.8810, -27.6460, -5.5820** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **54.1190, 27.6460, 5.5820**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2940, -27.3710, -5.0590**, and **22.0560, -20.7690, -3.5610** is the 20% darker color. If you saturate the color by 10%, you get **59.3150, -31.8640, -6.2320**, and if you desaturate by 10%, it is **66.4470, -23.4280, -4.9320**.

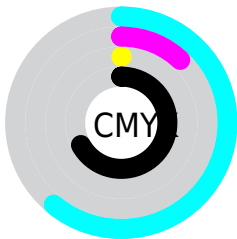
Distribution



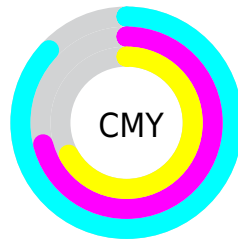
- Red (13%)
- Green (29%)
- Blue (33%)



- Red (13%)
- Yellow (22%)
- Blue (33%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (67%)



- Cyan (87%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8810, -27.6460, -5.5820 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 62.8810, -27.6460, -5.5820 by changing the saturation by 10% instead.

62.8810, -27.6460,
-5.5820

62.8810, -27.6460,
-5.5820

255.0000, -0.0000,
-0.0000

38.0870, -31.2220,
-6.8540

112.1800,
-27.0500, -5.3700

22.0560, -20.7690,
-3.5610

137.9950,
-27.9670, -5.2710

2.7530, -6.3740,
5.3860

164.1090,
-28.2880, -4.9600

0.0000, 0.0000,
0.0000

191.6960,
-28.5630, -5.4830

219.8100,
-28.8840, -5.1720

243.6380,

-22.6480, -8.0560

252.3090, -5.3640,
-1.9080

62.8810, -27.6460,
-5.5820

62.8810, -27.6460,
-5.5820

59.3150, -31.8640,
-6.2320

66.4470, -23.4280,
-4.9320

56.0370, -36.9530,
-7.6170

69.7250, -18.3390,
-3.5470

52.4710, -41.1710,
-8.2670

73.2910, -14.1210,
-2.8970

49.4920, -45.6640,
-9.4400

77.1560, -9.3070,
-2.0350

80.1350, -4.8140,
-0.8620

■ 83.7010, -0.5960,
-0.2120

■ 86.9790, 4.4930,
1.1730

■ 90.5450, 8.7110,
1.8230

■ 94.4100, 13.5250,
2.6850

Harmonies

Analogous

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



62.5130, -23.7940, -9.3140



62.8810, -27.6460, -5.5820



65.6800, -22.4660, -0.3380

Triad

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



62.8810, -27.6460, -5.5820



70.4840, 10.6810, 10.1770



67.2750, 9.1710, -6.5170

Complementary

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



62.8810, -27.6460, -5.5820



54.1190, 27.6460, 5.5820

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.



68.2160, 16.8270, -2.0930



62.8810, -27.6460, -5.5820



70.0240, 17.7880, 8.0280

Square

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



62.8810, -27.6460, -5.5820



70.3950, 0.6860, 9.5980



69.3460, 19.5770, 3.1370



66.3060, -1.2820, -9.8100

Rectangle

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



62.8810, -27.6460, -5.5820



67.4360, -15.7270, 4.1850



69.3460, 19.5770, 3.1370



67.7700, 12.1510, -5.4570

Sweetspot

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



62.8810, -27.6460, -5.5820



101.6720, -10.8200, -2.1480



63.9630, -16.9140, -23.8740



51.2380, -6.6020, -1.4980



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



62.8810, -27.6460, -5.5820



76.6880, -43.2800, -8.5920



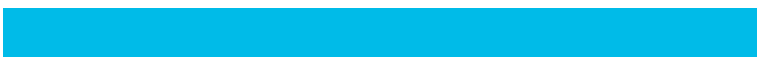
48.2060, -20.7710, 7.4930



39.2170, -2.1090, -0.3250



61.2780, -56.8050, -11.2770



136.2170, -125.8970, -25.6490

Inverse Universe

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



52.9230, 17.2350, 23.5630



61.2160, 27.1360, 36.8640



68.7940, 20.7710, -7.4930



38.5380, 1.4210, 1.7810



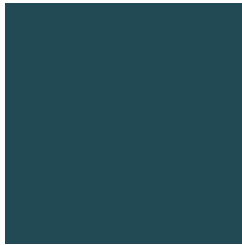
40.9710, 35.6160, 48.3840



90.6860, 78.2450, 107.3410

Previews

White Background



This preview shows how the YIQ color 62.8810, -27.6460, -5.5820 looks on a white background.

Color Contrast Check

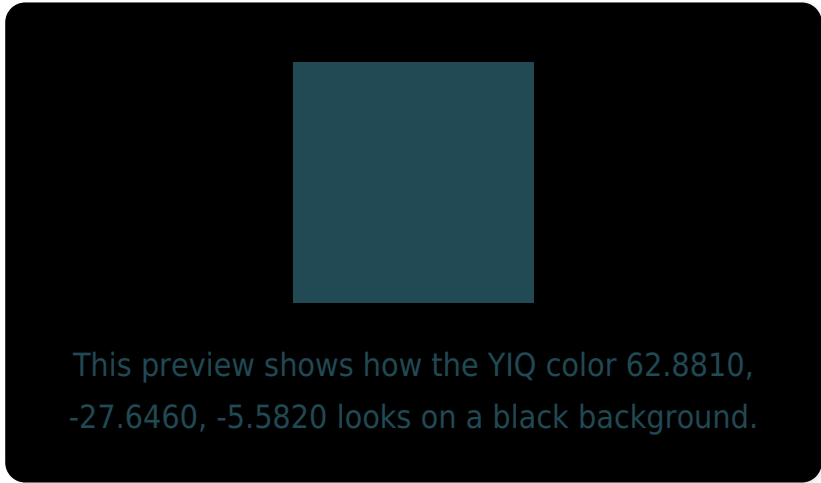
Large Text (above 18pt) WCAG AA ✓ Pass

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

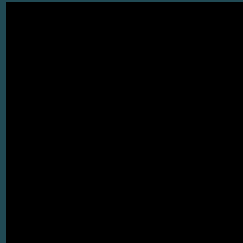
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.8810, -27.6460, -5.5820

Background



This preview shows how black text looks on a background with the YIQ color 62.8810, -27.6460, -5.5820.



This preview shows how white text looks on a background with the YIQ color 62.8810, -27.6460,

-5.5820.

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

62.8810, -27.6460, -5.5820

Protanopia

68.7700, -5.0440, 3.3080

Deuteranopia

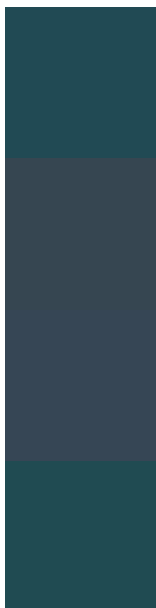
68.8670, -6.6950, 5.6970



Tritanopia

62.5280, -28.1500, -7.4620

Trichromacy



Original Color

62.8810, -27.6460, -5.5820

Protanomaly

66.4700, -13.0670, 0.0290

Deuteranomaly

66.9260, -14.3510, 1.2730

Tritanomaly

62.9410, -27.8750, -6.9390

Monochromacy



Original Color

62.8810, -27.6460, -5.5820

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9710, -10.2240, -1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.8810, -27.6460, -5.5820 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(33, 74, 84)` looks like.

```
.text, #text, p{  
    color:rgb(33, 74, 84)  
}
```

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(33, 74, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 74, 84) }
```

Border

The CSS property to change the border of an element to YIQ 62.8810, -27.6460, -5.5820 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(33, 74, 84) }
```


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

```
.border{ border-color:rgb(33, 74, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 74, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 74, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 74, 84);  
box-shadow:4px 4px 4px 4px rgb(33, 74, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.8810, -27.6460, -5.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 74, 84) }
```

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

```
.background{ background-color: rgb(33, 74,  
84) }
```

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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