

Converting Colors

YIQ(56.9190, -30.8090, -8.8330)

Have a look what the booklet for
YIQ(56.9190, -30.8090, -8.8330)
contains.

YIQ(56.9190, -30.8090, -8.8330)	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(56.9190, -30.8090,
-8.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	16474C
RGB	22, 71, 76
RGB Percent	9%, 28%, 30%
CMY	0.9138, 0.7215, 0.7021
CMYK	0.71, 0.07, 0.00, 0.70
HSL	185°, 55%, 19%
HSV	185°, 71%, 30%
XYZ	3.8882, 5.2007, 7.6305
YIQ	56.9190, -30.8090, -8.8330

Conversions

Conversions Part 2

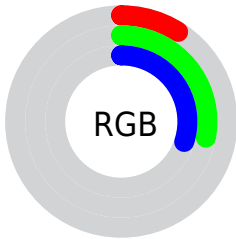
Format	Color
R_{YB}	22, 48, 76
Decimal	1460044
CIE _{Lab}	27.30, -14.35, -7.80
CIE _{LCh}	27, 16.336, 208.534
Yxy	5.2007, 0.2326, 0.3111
Android (android.graphics.Color)	4279650124 (0xFF16474C)
YUV	56.9190, 9.4069, -30.6240
Hunter-Lab	22.8050, -9.4752, -3.8748

Details

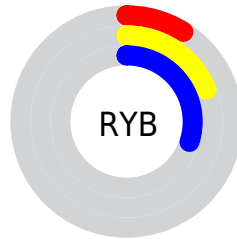
The YIQ color **56.9190, -30.8090, -8.8330** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41.0810, 30.8090, 8.8330**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.5170, -29.6170, -8.4090**, and **20.0840, -17.9720, -4.6920** is the 20% darker color. If you saturate the color by 10%, you get **53.9400, -35.3020, -10.0060**, and if you desaturate by 10%, it is **59.8980, -26.3160, -7.6600**.

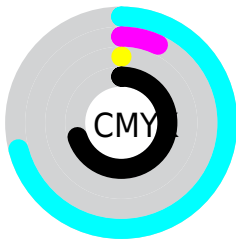
Distribution



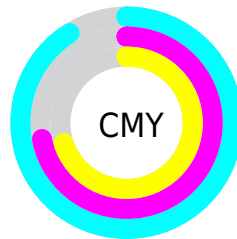
- Red (9%)
- Green (28%)
- Blue (30%)



- Red (9%)
- Yellow (19%)
- Blue (30%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)
- Black (70%)



- Cyan (91%)
- Magenta (72%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9190, -30.8090, -8.8330 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 56.9190, -30.8090, -8.8330 by changing the saturation by 10% instead.

■ 56.9190, -30.8090,
-8.8330

■ 56.9190, -30.8090,
-8.8330

■ 255.0000, -0.0000,
-0.0000

■ 34.2180, -30.2130,
-8.6210

■ 106.5170,
-29.6170, -8.4090

■ 20.0840, -17.9720,
-4.6920

■ 131.9300,
-29.3420, -7.8860

■ 0.9120, -2.5680,
2.4880

■ 158.5170,
-29.6170, -8.4090

■ 0.0000, 0.0000,
0.0000

■ 185.3320,
-30.5340, -8.3100

■ 213.3320,
-30.5340, -8.3100

■ 240.6480,

-28.6080, -10.1760

249.3190,
-11.3240, -4.0280

56.9190, -30.8090,
-8.8330

56.9190, -30.8090,
-8.8330

53.9400, -35.3020,
-10.0060

59.8980, -26.3160,
-7.6600

51.8470, -39.4740,
-11.4900

61.9910, -22.1440,
-6.1760

49.1670, -43.3710,
-12.4510

64.9700, -17.6510,
-5.0030

67.6500, -13.7540,
-4.0420

70.6290, -9.2610,
-2.8690

■ 73.0210, -4.4930,
-1.1730

■ 75.7010, -0.5960,
-0.2120

■ 78.6800, 3.8970,
0.9610

■ 80.7730, 8.0690,
2.4450

Harmonies

Analogous

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



58.1280, -21.2720, -10.9680



56.9190, -30.8090, -8.8330



58.8640, -28.9760, -3.5040

Triad

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



56.9190, -30.8090, -8.8330



66.2710, 6.9670, 11.4070



63.5530, 14.2600, -5.1320

Complementary

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



56.9190, -30.8090, -8.8330



41.0810, 30.8090, 8.8330

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.



64.7650, 19.7150, 0.6350



56.9190, -30.8090, -8.8330



66.1210, 16.1370, 10.4170

Square

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



56.9190, -30.8090, -8.8330



65.0460, -5.6410, 8.6230



65.5250, 20.6310, 6.0630



62.3560, 4.4490, -9.0470

Rectangle

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



56.9190, -30.8090, -8.8330



61.4350, -23.1540, 1.1180



65.5250, 20.6310, 6.0630



63.9770, 16.0020, -3.6620

Sweetspot

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



56.9190, -30.8090, -8.8330



92.4330, -11.6450, -3.7170



54.1540, -16.1340, -26.9980



46.5260, -7.4730, -2.2330



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



56.9190, -30.8090, -8.8330



69.7750, -48.1390, -14.1470



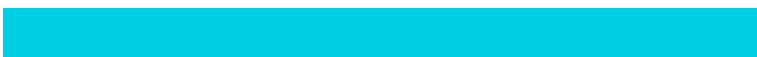
41.0700, -23.3840, 5.2880



36.8040, -2.3840, -0.8480



66.2190, -58.3170, -16.9170



148.3160, -131.0300, -37.2540

Inverse Universe

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



43.7320, 16.4550, 26.6870



48.8940, 25.3470, 41.7550



56.3430, 23.6590, -4.7650



35.6520, 1.1000, 2.0920



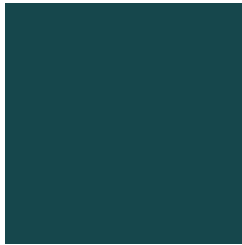
41.1000, 30.9390, 50.5470



92.4820, 70.3120, 113.4480

Previews

White Background



This preview shows how the YIQ color 56.9190, -30.8090, -8.8330 looks on a white background.

Color Contrast Check

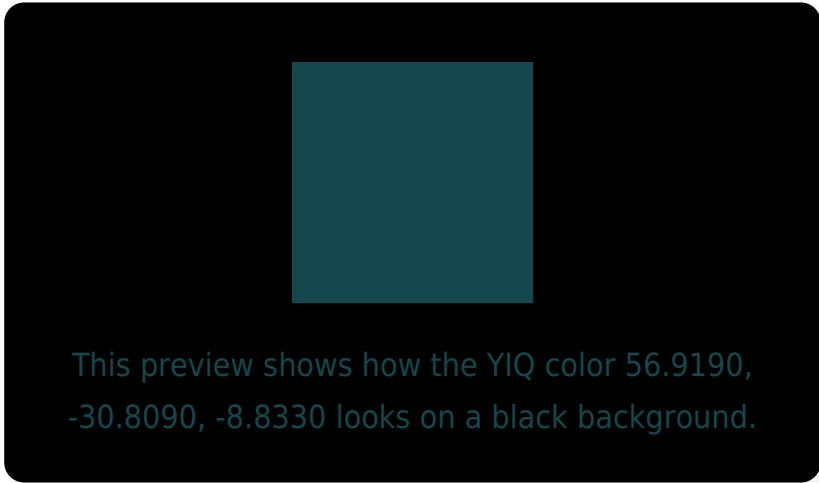
Large Text (above 18pt) WCAG AA ✓ Pass

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

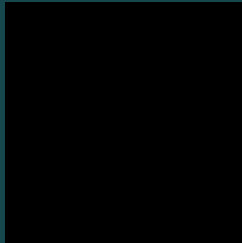
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

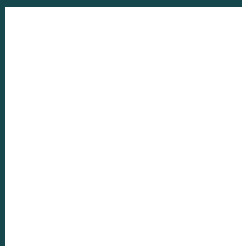
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 56.9190, -30.8090, -8.8330

Background



This preview shows how black text looks on a background with the YIQ color 56.9190, -30.8090, -8.8330.



This preview shows how white text looks on a background with the YIQ color 56.9190, -30.8090, -8.8330.

-8.8330.

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

56.9190, -30.8090, -8.8330

Protanopia

64.4990, -2.8430, 1.9650

Deuteranopia

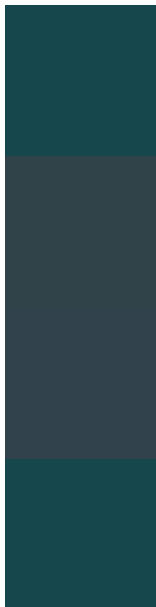
65.0090, -4.2190, 4.8770



Tritanopia

57.0330, -31.1300, -8.5220

Trichromacy



Original Color

56.9190, -30.8090, -8.8330

Protanomaly

62.0030, -13.2500, -2.1620

Deuteranomaly

62.1710, -13.6630, -0.1830

Tritanomaly

57.0330, -31.1300, -8.5220

Monochromacy



Original Color

56.9190, -30.8090, -8.8330

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8460, -11.3700, -3.1940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9190, -30.8090, -8.8330 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(22, 71, 76)` looks like.

```
.text, #text, p{  
    color:rgb(22, 71, 76)  
}
```

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(22, 71, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 71, 76) }
```

Border

The CSS property to change the border of an element to YIQ 56.9190, -30.8090, -8.8330 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(22, 71, 76) }
```


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

```
.border{ border-color:rgb(22, 71, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 71, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 71, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 71, 76);  
box-shadow:4px 4px 4px 4px rgb(22, 71, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.9190, -30.8090, -8.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 71, 76) }
```

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

```
.background{ background-color: rgb(22, 71,  
76) }
```

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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