

Converting Colors

YIQ(63.7230, -33.1930, -9.6810)

Have a look what the booklet for
YIQ(63.7230, -33.1930, -9.6810)
contains.

YIQ(63.7230, -33.1930, -9.6810)	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(63.7230, -33.1930,
-9.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	1A4F54
RGB	26, 79, 84
RGB Percent	10%, 31%, 33%
CMY	0.8981, 0.6901, 0.6707
CMYK	0.69, 0.06, 0.00, 0.67
HSL	185°, 53%, 22%
HSV	185°, 69%, 33%
XYZ	4.8217, 6.4539, 9.3720
YIQ	63.7230, -33.1930, -9.6810

Conversions

Conversions Part 2

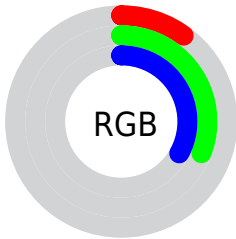
Format	Color
R_{YB}	26, 54, 84
Decimal	1724244
CIE _{Lab}	30.53, -15.47, -8.08
CIE _{LCh}	31, 17.451, 207.586
Yxy	6.4539, 0.2335, 0.3126
Android (android.graphics.Color)	4279914324 (0xFF1A4F54)
YUV	63.7230, 9.9966, -33.0831
Hunter-Lab	25.4046, -10.5796, -4.0895

Details

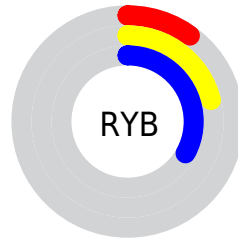
The YIQ color **63.7230, -33.1930, -9.6810** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **46.2770, 33.1930, 9.6810**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.6200, -31.4050, -9.0450**, and **24.4040, -21.8690, -5.6530** is the 20% darker color. If you saturate the color by 10%, you get **60.7440, -37.6860, -10.8540**, and if you desaturate by 10%, it is **66.7020, -28.7000, -8.5080**.

Distribution



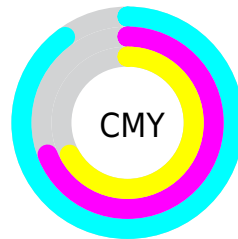
- Red (10%)
- Green (31%)
- Blue (33%)



- Red (10%)
- Yellow (21%)
- Blue (33%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (67%)



- Cyan (90%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.7230, -33.1930, -9.6810 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 63.7230, -33.1930, -9.6810 by changing the saturation by 10% instead.

63.7230, -33.1930,
-9.6810

63.7230, -33.1930,
-9.6810

255.0000, -0.0000,
-0.0000

39.8260, -34.9810,
-10.3170

113.6200,
-31.4050, -9.0450

24.4040, -21.8690,
-5.6530

139.7340,
-31.7260, -8.7340

4.5140, -7.1990,
3.8170

166.4350,
-32.3220, -8.9460

0.0000, 0.0000,
0.0000

194.0220,
-32.5970, -9.4690

222.1360,
-32.9180, -9.1580

242.4420,

-25.0320, -8.9040

251.1130, -7.7480,
-2.7560

63.7230, -33.1930,
-9.6810

63.7230, -33.1930,
-9.6810

60.7440, -37.6860,
-10.8540

66.7020, -28.7000,
-8.5080

58.0530, -43.0500,
-12.7620

69.3930, -23.3360,
-6.6000

55.0740, -47.5430,
-13.9350

72.3720, -18.8430,
-5.4270

54.7750, -48.1390,
-14.1470

75.6500, -13.7540,
-4.0420

78.6290, -9.2610,
-2.8690

■ 81.0210, -4.4930,
-1.1730

■ 84.2990, 0.5960,
0.2120

■ 87.2780, 5.0890,
1.3850

■ 89.9690, 10.4530,
3.2930

Harmonies

Analogous

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



65.1170, -22.7390, -11.9150



63.7230, -33.1930, -9.6810



65.7820, -31.6810, -4.0410

Triad

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



63.7230, -33.1930, -9.6810



73.7980, 6.9210, 12.2410



71.3250, 14.9020, -5.7540

Complementary

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



63.7230, -33.1930, -9.6810



46.2770, 33.1930, 9.6810

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.



72.1350, 21.5490, 0.4370



63.7230, -33.1930, -9.6810



73.8330, 17.0080, 11.1520

Square

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



63.7230, -33.1930, -9.6810



72.9750, -6.8790, 9.0330



72.8350, 22.6940, 7.2220



69.7150, 4.8160, -10.1920

Rectangle

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



63.7230, -33.1930, -9.6810



68.6520, -25.2630, 0.7930



72.8350, 22.6940, 7.2220



71.3470, 17.8360, -3.8600

Sweetspot

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



63.7230, -33.1930, -9.6810



101.9490, -13.1580, -3.8300



60.6160, -17.5550, -28.7790



51.2270, -8.0690, -2.4450



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.



63.7230, -33.1930, -9.6810



78.0950, -52.0360, -15.1080



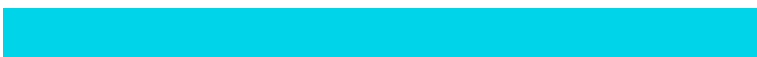
46.7000, -25.2180, 5.4860



39.2170, -2.1090, -0.3250



68.3220, -60.1050, -17.5530



150.8920, -132.7720, -38.7240

Inverse Universe

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



49.3840, 17.5550, 28.7790



55.6710, 27.5930, 45.1050



63.3000, 25.2180, -5.4860



38.5380, 1.4210, 1.7810



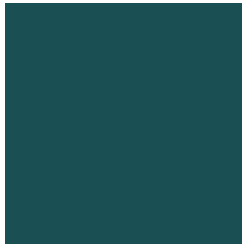
42.3390, 31.7640, 52.1160



93.5360, 70.2200, 115.1160

Previews

White Background



This preview shows how the YIQ color 63.7230, -33.1930, -9.6810 looks on a white background.

Color Contrast Check

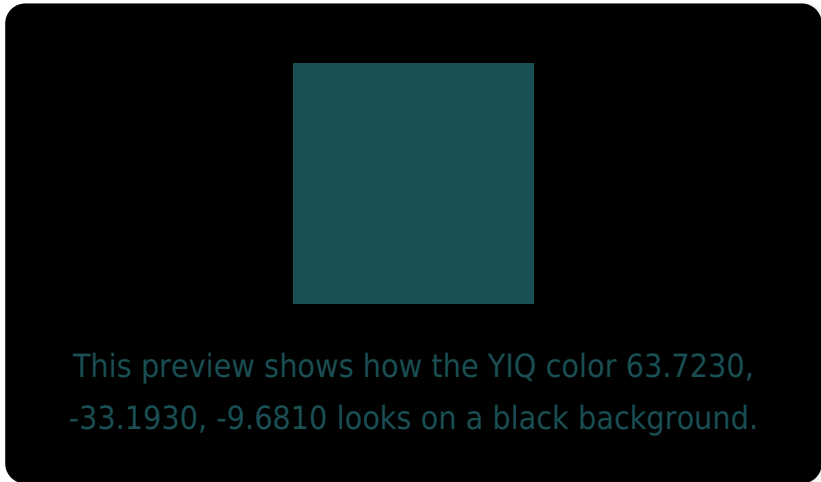
Large Text (above 18pt) WCAG AA ✓ Pass

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

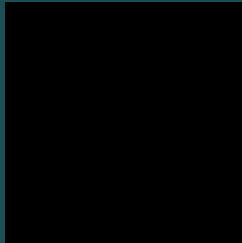
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.7230, -33.1930, -9.6810

Background



This preview shows how black text looks on a background with the YIQ color 63.7230, -33.1930, -9.6810.



This preview shows how white text looks on a background with the YIQ color 63.7230, -33.1930,

-9.6810.

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

63.7230, -33.1930, -9.6810

Protanopia

71.9120, -2.5680, 2.4880

Deuteranopia

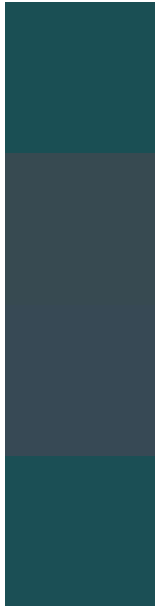
72.4220, -3.9440, 5.4000



Tritanopia

64.1360, -32.9180, -9.1580

Trichromacy



Original Color

63.7230, -33.1930, -9.6810

Protanomaly

69.1170, -13.5710, -1.8510

Deuteranomaly

68.9860, -14.5800, -0.0840

Tritanomaly

64.1360, -32.9180, -9.1580

Monochromacy



Original Color

63.7230, -33.1930, -9.6810

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.5470, -11.9660, -3.4060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.7230, -33.1930, -9.6810 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(26, 79, 84)` looks like.

```
.text, #text, p{  
    color:rgb(26, 79, 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(26, 79, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 79, 84) }
```

Border

The CSS property to change the border of an element to YIQ 63.7230, -33.1930, -9.6810 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(26, 79, 84) }
```


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

```
.border{ border-color:rgb(26, 79, 84) }
```

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

Here you see how a box with a 4 pixel rgb(26, 79, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 79, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 79, 84);  
box-shadow:4px 4px 4px 4px rgb(26, 79, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.7230, -33.1930, -9.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 79, 84) }
```

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

```
.background{ background-color: rgb(26, 79,  
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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