

Converting Colors

YIQ(23.4270, -11.5080, -0.6920)

Have a look what the booklet for
YIQ(23.4270, -11.5080, -0.6920)
contains.

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Color

**YIQ(23.4270, -11.5080,
-0.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1B23
RGB	12, 27, 35
RGB Percent	5%, 11%, 14%
CMY	0.9530, 0.8941, 0.8628
CMYK	0.66, 0.23, 0.00, 0.86
HSL	201°, 49%, 9%
HSV	201°, 66%, 14%
XYZ	0.8468, 0.9835, 1.7343
YIQ	23.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

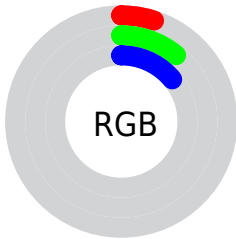
Format	Color
RYB	12, 21, 35
Decimal	793379
CIELab	8.85, -3.48, -7.47
CIElCh	9, 8.239, 245.053
Yxy	0.9835, 0.2375, 0.2759
Android (android.graphics.Color)	4278983459 (0xFF0C1B23)
YUV	23.4270, 5.7055, -10.0215
Hunter-Lab	9.9173, -2.1146, -3.4262

Details

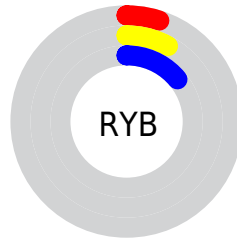
The YIQ color **23.4270, -11.5080, -0.6920** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **23.5730, 11.5080, 0.6920**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **66.5410, -11.8290, -0.3810**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.6440, -13.6170, -1.0170**, and if you desaturate by 10%, it is **24.9110, -9.9950, -0.5790**.

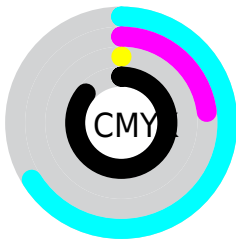
Distribution



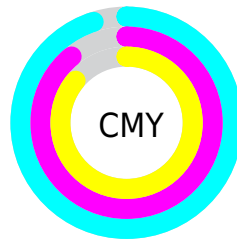
- Red (5%)
- Green (11%)
- Blue (14%)



- Red (5%)
- Yellow (8%)
- Blue (14%)



- Cyan (66%)
- Magenta (23%)
- Yellow (0%)
- Black (86%)



- Cyan (95%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.4270, -11.5080, -0.6920 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 23.4270, -11.5080, -0.6920 by changing the saturation by 10% instead.

■ 23.4270, -11.5080,
-0.6920

■ 23.4270, -11.5080,
-0.6920

■ 249.0310,
-10.4530, -3.2930

■ 2.0690, -4.4480,
3.5200

■ 66.5410, -11.8290,
-0.3810

■ 0.0000, 0.0000,
0.0000

■ 90.2420, -12.4250,
-0.5930

■ 114.6550,
-12.1500, -0.0700

■ 140.3560,
-12.7460, -0.2820

■ 166.4700,
-13.0670, 0.0290

■ 194.1710,

-13.6630, -0.1830

■ 222.1710,
-13.6630, -0.1830

■ 23.4270, -11.5080,
-0.6920

■ 23.4270, -11.5080,
-0.6920

■ 21.6440, -13.6170,
-1.0170

■ 24.9110, -9.9950,
-0.5790

■ 20.1600, -15.1300,
-1.1300

■ 26.6940, -7.8860,
-0.2540

■ 17.7900, -16.9640,
-0.9320

■ 28.7650, -6.6480,
-0.6640

■ 17.4910, -17.5600,
-1.1440

■ 30.5480, -4.5390,
-0.3390

■ 32.0320, -3.0260,
-0.2260

■ 33.8150, -0.9170,
0.0990

■ 35.8860, 0.3210,
-0.3110

■ 37.6690, 2.4300,
0.0140

■ 39.1530, 3.9430,
0.1270

Harmonies

Analogous

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



22.3620, -12.8830, -3.3070



23.4270, -11.5080, -0.6920



24.7590, -6.5110, 2.3610

Triad

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



23.4270, -11.5080, -0.6920



25.8270, 7.9770, 4.1130



24.4360, 1.4680, -4.5800

Complementary

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



23.4270, -11.5080, -0.6920



23.5730, 11.5080, 0.6920

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.



24.7140, 6.5570, -3.1950



23.4270, -11.5080, -0.6920



25.8440, 9.3070, 2.0350

Square

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



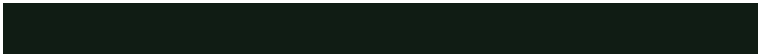
23.4270, -11.5080, -0.6920



26.2010, 3.9880, 4.8200



24.9640, 8.8490, -0.6790



23.5000, -4.5840, -5.0320

Rectangle

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



23.4270, -11.5080, -0.6920



25.5530, -2.9350, 3.6330



24.9640, 8.8490, -0.6790



24.3330, 3.2560, -3.9440

Sweetspot

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



23.4270, -11.5080, -0.6920



41.5480, -4.5390, -0.3390



26.4130, -8.8930, -9.5410



20.0320, -3.0260, -0.2260



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



23.4270, -11.5080, -0.6920



27.6050, -17.8810, -0.8330



16.9700, -8.4830, 5.0610



16.8150, -0.9170, 0.0990



40.4590, -40.8970, -2.2170



104.2450, -104.7640, -6.6520

Inverse Universe

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



20.5870, 8.8930, 9.5410



23.3860, 14.0730, 14.7850



30.0300, 8.4830, -5.0610



16.7120, 0.8710, 0.7350



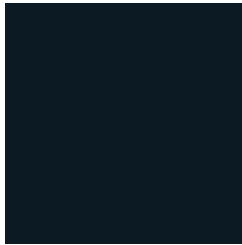
30.5600, 31.8590, 33.8670



78.1090, 80.5870, 86.9150

Previews

White Background



This preview shows how the YIQ color 23.4270, -11.5080, -0.6920 looks on a white background.

Color Contrast Check

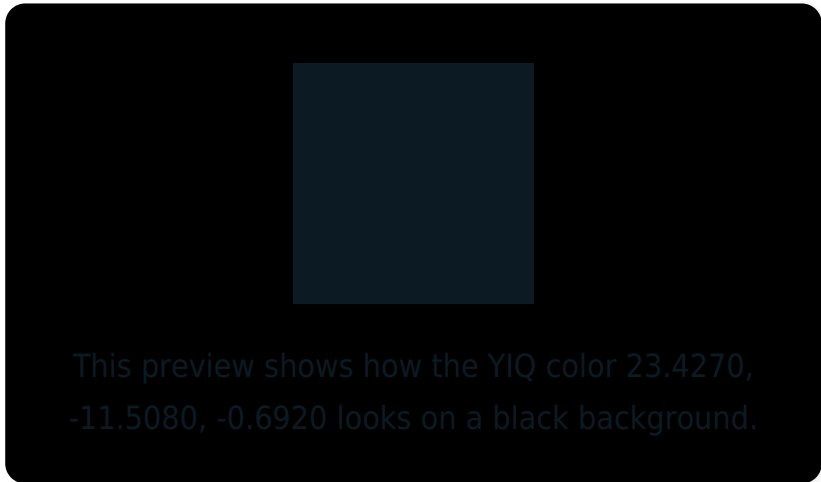
Large Text (above 18pt) WCAG AA ✓ Pass

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

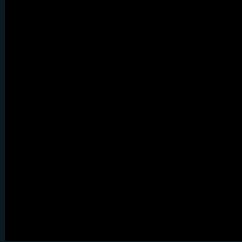
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

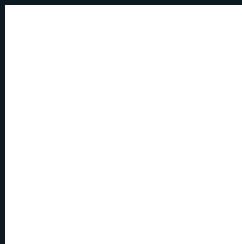
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 23.4270, -11.5080, -0.6920

Background



This preview shows how black text looks on a background with the YIQ color 23.4270, -11.5080, -0.6920.



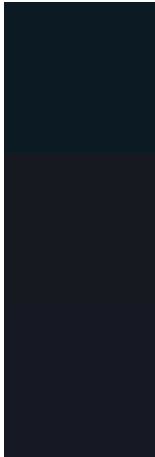
This preview shows how white text looks on a background with the YIQ color 23.4270, -11.5080,

-0.6920.

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

23.4270, -11.5080, -0.6920

Protanopia

25.3140, -3.7600, 2.0640

Deuteranopia

25.2430, -4.9980, 2.4740



Tritanopia

22.5470, -11.9660, -3.4060

Trichromacy



Original Color

23.4270, -11.5080, -0.6920

Protanomaly

24.8190, -6.7400, 1.0040

Deuteranomaly

24.6340, -7.6570, 1.1030

Tritanomaly

23.0740, -12.0120, -2.5720

Monochromacy



Original Color

23.4270, -11.5080, -0.6920

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

22.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.4270, -11.5080, -0.6920 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(12, 27, 35)` looks like.

```
.text, #text, p{  
    color:rgb(12, 27, 35)  
}
```

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(12, 27, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 27, 35) }
```

Border

The CSS property to change the border of an element to YIQ 23.4270, -11.5080, -0.6920 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(12, 27, 35) }
```


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

```
.border{ border-color:rgb(12, 27, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 27, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 27, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 27, 35);  
box-shadow:4px 4px 4px 4px rgb(12, 27, 35)  
}
```

Background

The CSS property to change the background color of an element to YIQ 23.4270, -11.5080, -0.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 27, 35) }
```

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

```
.background{ background-color: rgb(12, 27,  
35) }
```

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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