

Converting Colors

YIQ(106.2140, -70.2300,
-59.8460)

Have a look what the booklet for
YIQ(106.2140, -70.2300, -59.8460)
contains.

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Color

**YIQ(106.2140, -70.2300,
-59.8460)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 02A452 |
| RGB | 2, 164, 82 |
| RGB Percent | 1%, 64%, 32% |
| CMY | 0.9926, 0.3566, 0.6786 |
| CMYK | 0.99, 0.00, 0.50, 0.36 |
| HSL | 150°, 98%, 33% |
| HSV | 150°, 99%, 64% |
| XYZ | 14.8322, 27.1958, 12.4393 |
| YIQ | 106.2140, -70.2300, -59.8460 |

Conversions

Conversions Part 2

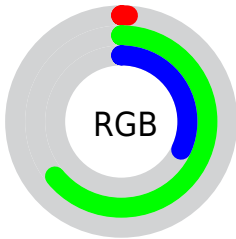
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 2, 110, 164 |
| Decimal | 173138 |
| CIELab | 59.16, -54.75, 32.53 |
| CIElCh | 59, 63.690, 149.283 |
| Yxy | 27.1958, 0.2723, 0.4993 |
| Android (android.graphics.Color) | 4278363218 (0xFF02A452) |
| YUV | 106.2140, -11.9375, -91.3957 |
| Hunter-Lab | 52.1496, -40.4935, 22.3622 |

Details

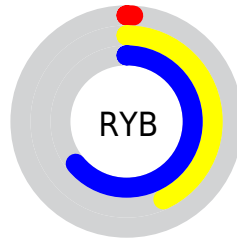
The YIQ color **106.2140, -70.2300, -59.8460** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **59.7860, 70.2300, 59.8460**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.2120, -49.5530, -54.6170**, and **69.0330, -41.4390, -47.4790** is the 20% darker color. If you saturate the color by 10%, you get **105.5020, -71.1010, -60.5810**, and if you desaturate by 10%, it is **111.9100, -63.2620, -53.9660**.

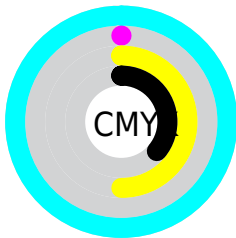
Distribution



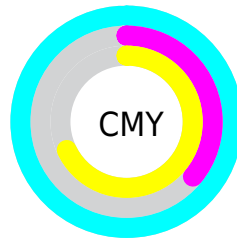
- Red (1%)
- Green (64%)
- Blue (32%)



- Red (1%)
- Yellow (43%)
- Blue (64%)



- Cyan (99%)
- Magenta (0%)
- Yellow (50%)
- Black (36%)



- Cyan (99%)
- Magenta (36%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.2140, -70.2300, -59.8460 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 106.2140, -70.2300, -59.8460 by changing the saturation by 10% instead.

■ 106.2140,
-70.2300, -59.8460

■ 106.2140,
-70.2300, -59.8460

■ 255.0000, -0.0000,
-0.0000

■ 87.0310, -56.2930,
-53.6130

■ 171.2120,
-49.5530, -54.6170

■ 69.0330, -41.4390,
-47.4790

■ 200.4680,
-47.3980, -55.1260

■ 50.8070, -25.9430,
-41.9670

■ 216.1520,
-40.1560, -43.1960

■ 35.2200, -16.5000,
-31.3800

■ 228.0150,
-31.8600, -28.3400

■ 22.3060, -10.4500,
-19.8740

■ 240.1770,
-22.9680, -13.2720

■ 0.0000, 0.0000,
0.0000

■ 250.5150, -8.9400,

-3.1800

■ 106.2140,
-70.2300, -59.8460

■ 106.2140,
-70.2300, -59.8460

■ 105.5020,
-71.1010, -60.5810

■ 111.9100,
-63.2620, -53.9660

■ 118.0190,
-56.0190, -47.5630

■ 123.7150,
-49.0510, -41.6830

■ 129.7100,
-41.4870, -35.5910

■ 135.4060,
-34.5190, -29.7110

■ 141.2160,
-27.8720, -23.5200

■ 147.2110,
-20.3080, -17.4280

■ 152.9070,
-13.3400, -11.5480

■ 159.0160, -6.0970,
-5.1450

Harmonies

Analogous

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



128.9040, 15.9640, -47.0440



106.2140, -70.2300, -59.8460



114.4620, -90.8190, -44.6350

Triad

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



106.2140, -70.2300, -59.8460



116.5330, -122.8300, 1.3780



137.0130, 87.3830, 29.8070

Complementary

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



106.2140, -70.2300, -59.8460



59.7860, 70.2300, 59.8460

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.



138.5870, 71.9280, 51.0960



106.2140, -70.2300, -59.8460



143.8720, -30.3130, 37.2630

Square

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



106.2140, -70.2300, -59.8460



122.2260, -120.9480, -10.7080



144.8660, 31.7180, 52.9500



137.5670, 81.5660, -2.4500

Rectangle

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



106.2140, -70.2300, -59.8460



118.9080, -103.3380, -32.5060



144.8660, 31.7180, 52.9500



137.0270, 84.7680, 38.6560

Sweetspot

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



106.2140, -70.2300, -59.8460



191.2160, -27.8720, -23.5200



122.2100, 5.5140, -66.9180



93.4720, -16.5490, -13.9650



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



106.2140, -70.2300, -59.8460



137.7020, -92.8760, -78.9560



115.2200, -95.5890, -35.2770



78.7390, -3.7590, -3.4630



93.3230, -62.9870, -53.4430



11.5920, -7.8390, -6.6150

Inverse Universe

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



59.7860, 70.2300, 59.8460



76.2980, 92.8760, 78.9560



50.7800, 95.5890, 35.2770



76.2610, 3.7590, 3.4630



51.7910, 62.6660, 53.7540



6.4080, 7.8390, 6.6150

Previews

White Background



This preview shows how the YIQ color 106.2140, -70.2300, -59.8460 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 106.2140, -70.2300, -59.8460 looks on a black 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 × Fail

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

YIQ 106.2140, -70.2300, -59.8460 Background



This preview shows how black text looks on a background with the YIQ color 106.2140, -70.2300, -59.8460.



This preview shows how white text looks on a background with the YIQ color 106.2140, -70.2300, -59.8460.

-59.8460.

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

106.2140, -70.2300, -59.8460

Protanopia

138.4340, 30.1720, -18.1800

Deuteranopia

140.5200, 36.2220, -6.6740



Tritanopia

128.8600, -58.6840, -15.7720

Trichromacy



Original Color

106.2140, -70.2300, -59.8460



Protanomaly

126.7280, -6.3670, -33.3030



Deuteranomaly

128.3960, -2.1960, -26.2920



Tritanomaly

120.5090, -62.6700, -31.6460

Monochromacy



Original Color

106.2140, -70.2300, -59.8460



Achromatopsia

106.0000, -0.0000, -0.0000



Achromatomaly

105.9390, -25.5340, -21.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.2140, -70.2300, -59.8460 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(2, 164, 82)` looks like.

```
.text, #text, p{  
    color:rgb(2, 164, 82)  
}
```

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(2, 164, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 164, 82) }
```

Border

The CSS property to change the border of an element to YIQ 106.2140, -70.2300, -59.8460 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(2, 164, 82) }
```


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

```
.border{ border-color:rgb(2, 164, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 164, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 164, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 164, 82);  
box-shadow:4px 4px 4px 4px rgb(2, 164, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 106.2140, -70.2300, -59.8460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 164, 82) }
```

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

```
.background{ background-color: rgb(2, 164,  
82) }
```

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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