

Converting Colors

YIQ(117.1170, -31.9070,
-21.9790)

Have a look what the booklet for
YIQ(117.1170, -31.9070, -21.9790)
contains.

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Color

**YIQ(117.1170, -31.9070,
-21.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	498C73
RGB	73, 140, 115
RGB Percent	29%, 55%, 45%
CMY	0.7139, 0.4509, 0.5491
CMYK	0.48, 0.00, 0.18, 0.45
HSL	158°, 31%, 42%
HSV	158°, 48%, 55%
XYZ	15.2194, 21.4163, 19.5430
YIQ	117.1170, -31.9070, -21.9790

Conversions

Conversions Part 2

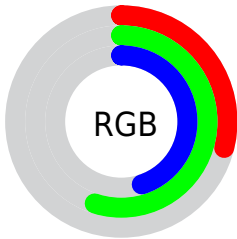
Format	Color
RYB	73, 114, 140
Decimal	4820083
CIELab	53.40, -27.63, 6.84
CIELCh	53, 28.469, 166.094
Yxy	21.4163, 0.2709, 0.3812
Android (android.graphics.Color)	4283010163 (0xFF498C73)
YUV	117.1170, -1.0437, -38.6906
Hunter-Lab	46.2777, -22.2826, 7.3563

Details

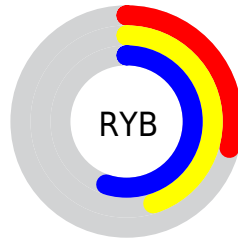
The YIQ color **117.1170, -31.9070, -21.9790** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **95.8830, 31.9070, 21.9790**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5900, -31.8610, -22.8130**, and **64.9640, -35.8500, -22.1060** is the 20% darker color. If you saturate the color by 10%, you get **112.3610, -38.6460, -26.5020**, and if you desaturate by 10%, it is **121.8730, -25.1680, -17.4560**.

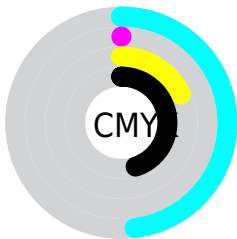
Distribution



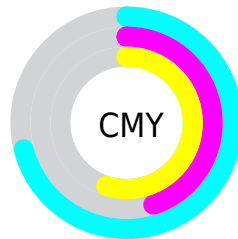
- Red (29%)
- Green (55%)
- Blue (45%)



- Red (29%)
- Yellow (45%)
- Blue (55%)



- Cyan (48%)
- Magenta (0%)
- Yellow (18%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1170, -31.9070, -21.9790 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 117.1170, -31.9070, -21.9790 by changing the saturation by 10% instead.

■ 117.1170,
-31.9070, -21.9790

■ 117.1170,
-31.9070, -21.9790

■ 255.0000, -0.0000,
-0.0000

■ 91.2310, -32.2280,
-21.6680

■ 170.5900,
-31.8610, -22.8130

■ 64.9640, -35.8500,
-22.1060

■ 198.1770,
-32.1360, -23.3360

■ 43.2850, -32.3200,
-20.0000

■ 226.4650,
-33.0070, -24.0710

■ 27.9770, -19.5290,
-15.0250

■ 240.7900,
-26.1320, -10.9960

■ 11.7400, -5.5000,
-10.4600

■ 249.6180,
-10.7280, -3.8160

■ 0.0000, 0.0000,
0.0000

■ 117.1170,
-31.9070, -21.9790

■ 117.1170,
-31.9070, -21.9790

■ 112.3610,
-38.6460, -26.5020

■ 121.8730,
-25.1680, -17.4560

■ 107.6050,
-45.3850, -31.0250

■ 126.6290,
-18.4290, -12.9330

■ 102.7350,
-51.8030, -35.8590

■ 131.4990,
-12.0110, -8.0990

■ 97.9790, -58.5420,
-40.3820

■ 136.2550, -5.2720,
-3.5760

■ 93.2230, -65.2810,
-44.9050

■ 141.0110, 1.4670,
0.9470

■ 92.2120, -66.7480,
-45.8520

■ 145.7670, 8.2060,
5.4700

■ 150.6370, 14.6240,
10.3040

■ 155.3930, 21.3630,

14.8270

■ 160.1490, 28.1020,
19.3500

Harmonies

Analogous

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



121.2310, -5.8650, -20.3690



117.1170, -31.9070, -21.9790



111.8830, -57.4910, -20.8750

Triad

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



117.1170, -31.9070, -21.9790



127.2970, -22.2850, 12.9070



128.3500, 40.1170, 5.3410

Complementary

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



117.1170, -31.9070, -21.9790



95.8830, 31.9070, 21.9790

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.



129.7170, 38.0060, 16.0700



117.1170, -31.9070, -21.9790



131.1000, 3.4350, 20.3550

Square

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



117.1170, -31.9070, -21.9790



120.1470, -48.6460, 0.5540



130.7620, 24.9380, 21.6260



126.7800, 32.5540, -6.2780

Rectangle

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



117.1170, -31.9070, -21.9790



110.7280, -67.1200, -17.0720



130.7620, 24.9380, 21.6260



129.1700, 40.8040, 9.4120

Sweetspot

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



117.1170, -31.9070, -21.9790



172.4990, -12.0110, -8.0990



120.1030, -2.9290, -29.5290



86.5320, -7.6100, -5.2580



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



117.1170, -31.9070, -21.9790



145.7570, -48.8690, -33.9650



115.2710, -37.7320, -10.0200



66.5650, -3.2090, -2.4170



87.5330, -63.2180, -43.7460



3.2770, -2.3380, -1.6820

Inverse Universe

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



95.8830, 31.9070, 21.9790



113.1290, 49.1900, 33.6540



97.7290, 37.7320, 10.0200



64.4350, 3.2090, 2.4170



45.4670, 63.2180, 43.7460



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 117.1170, -31.9070, -21.9790 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 117.1170, -31.9070, -21.9790 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 117.1170, -31.9070, -21.9790 Background



This preview shows how black text looks on a background with the YIQ color 117.1170, -31.9070, -21.9790.



This preview shows how white text looks on a background with the YIQ color 117.1170, -31.9070,

-21.9790.

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

117.1170, -31.9070, -21.9790

Protanopia

126.6280, 9.6750, -4.6370

Deuteranopia

128.2250, 12.6080, 2.7840



Tritanopia

121.1080, -35.7150, -8.0270

Trichromacy



Original Color

117.1170, -31.9070, -21.9790

Protanomaly

123.3270, -5.7750, -10.9830

Deuteranomaly

124.1580, -3.6210, -5.9650

Tritanomaly

119.4300, -33.9260, -12.9180

Monochromacy



Original Color

117.1170, -31.9070, -21.9790

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.7980, -11.4150, -7.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1170, -31.9070, -21.9790 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(73, 140, 115)` looks like.

```
.text, #text, p{  
    color:rgb(73, 140, 115)  
}
```

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(73, 140, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 140, 115) }
```

Border

The CSS property to change the border of an element to YIQ 117.1170, -31.9070, -21.9790 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(73, 140, 115) }
```


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

```
.border{ border-color:rgb(73, 140, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 140, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 140, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 140, 115);  
box-shadow:4px 4px 4px 4px rgb(73, 140,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1170, -31.9070, -21.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 140, 115) }
```

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

```
.background{ background-color: rgb(73, 140,  
115) }
```

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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