

Converting Colors

YIQ(171.4090, -29.4330,
-11.7450)

Have a look what the booklet for
YIQ(171.4090, -29.4330, -11.7450)
contains.

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Color

**YIQ(171.4090, -29.4330,
-11.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	88BBB8
RGB	136, 187, 184
RGB Percent	53%, 73%, 72%
CMY	0.4668, 0.2666, 0.2785
CMYK	0.27, 0.00, 0.02, 0.27
HSL	176°, 27%, 63%
HSV	176°, 27%, 73%
XYZ	36.5718, 44.2408, 51.9432
YIQ	171.4090, -29.4330, -11.7450

Conversions

Conversions Part 2

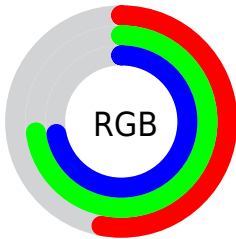
Format	Color
R_{YB}	136, 162, 187
Decimal	8960952
CIE _{Lab}	72.39, -17.32, -3.88
CIE _{LCh}	72, 17.748, 192.623
Yxy	44.2408, 0.2755, 0.3332
Android (android.graphics.Color)	4287151032 (0xFF88BBB8)
YUV	171.4090, 6.2074, -31.0537
Hunter-Lab	66.5138, -18.2531, 0.2578

Details

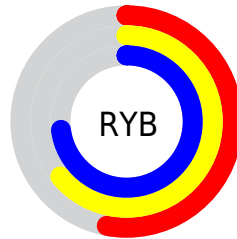
The YIQ color **171.4090, -29.4330, -11.7450** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **151.5910, 29.4330, 11.7450**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.1100, -30.0290, -11.9570**, and **118.7080, -28.8370, -11.5330** is the 20% darker color. If you saturate the color by 10%, you get **165.6140, -40.4360, -16.0840**, and if you desaturate by 10%, it is **177.2040, -18.4300, -7.4060**.

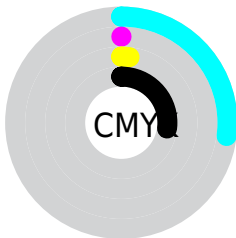
Distribution



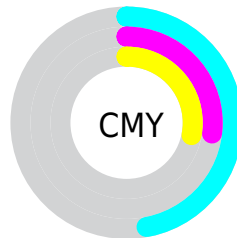
- Red (53%)
- Green (73%)
- Blue (72%)



- Red (53%)
- Yellow (64%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (47%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.4090, -29.4330, -11.7450 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 171.4090, -29.4330, -11.7450 by changing the saturation by 10% instead.

■ 171.4090,
-29.4330, -11.7450

■ 171.4090,
-29.4330, -11.7450

■ 255.0000, -0.0000,
-0.0000

■ 144.7080,
-28.8370, -11.5330

■ 227.1100,
-30.0290, -11.9570

■ 118.7080,
-28.8370, -11.5330

■ 244.2360,
-21.4560, -7.6320

■ 93.1210, -28.5620,
-11.0100

■ 252.9070, -4.1720,
-1.4840

■ 68.8220, -29.1580,
-11.2220

■ 43.7290, -33.3300,
-12.7060

■ 26.5240, -22.3270,
-8.3670

■ 11.2160, -9.5360,

-3.3920

■ 0.0000, 0.0000,
0.0000

■ 171.4090,
-29.4330, -11.7450

■ 171.4090,
-29.4330, -11.7450

■ 165.6140,
-40.4360, -16.0840

■ 177.2040,
-18.4300, -7.4060

■ 160.1180,
-50.8430, -20.2110

■ 182.7000, -8.0230,
-3.2790

■ 154.3230,
-61.8460, -24.5500

■ 188.4950, 2.9800,
1.0600

■ 148.4140,
-72.5280, -29.2000

■ 194.2900, 13.9830,
5.3990

■ 142.6190,
-83.5310, -33.5390

■ 199.9000, 24.0690,
9.8370

■ 137.1230,
-93.9380, -37.6660

■ 205.6950, 35.0720,
14.1760

■ 131.3280,
-104.9410, -42.0050

■ 207.9020, 38.9230,
15.9710

■ 129.8330,
-107.9210, -43.0650

■ 208.0160, 38.6020,
16.2820

■ 208.1300, 38.2810,
16.5930

Harmonies

Analogous

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



172.1730, -17.1450, -14.1770



171.4090, -29.4330, -11.7450



171.9450, -33.6980, -6.0340

Triad

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



171.4090, -29.4330, -11.7450



179.8020, 1.0980, 13.1460



177.8100, 23.8420, -2.5740

Complementary

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



171.4090, -29.4330, -11.7450



151.5910, 29.4330, 11.7450

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.



179.4780, 28.0130, 4.4370



171.4090, -29.4330, -11.7450



180.4570, 15.3110, 14.3750

Square

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



171.4090, -29.4330, -11.7450



177.9570, -15.6360, 8.0440



180.0250, 25.2150, 11.0950



176.4340, 12.9770, -9.4150

Rectangle

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



171.4090, -29.4330, -11.7450



173.6620, -31.2230, -1.3270



180.0250, 25.2150, 11.0950



178.6470, 25.8590, -0.5810

Sweetspot

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



171.4090, -29.4330, -11.7450



236.2050, -11.0030, -4.3390



166.8340, -12.2370, -26.0370



118.4120, -7.1520, -2.5440



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



171.4090, -29.4330, -11.7450



217.5100, -46.0750, -18.5150



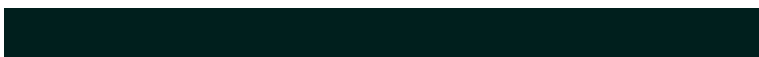
158.8370, -24.3460, 0.6940



91.3090, -5.3640, -1.9080



109.7320, -91.2790, -36.2950



21.5030, -17.8340, -7.1940

Inverse Universe

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



151.5910, 29.4330, 11.7450



186.4900, 46.0750, 18.5150



164.1630, 24.3460, -0.6940



87.6910, 5.3640, 1.9080



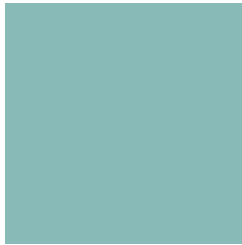
48.2680, 91.2790, 36.2950



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 171.4090, -29.4330, -11.7450 looks on a white background.

Color Contrast Check

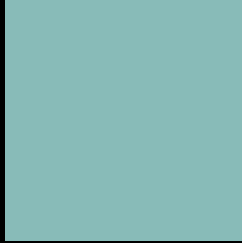
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 171.4090, -29.4330, -11.7450 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 ✓ Pass

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

YIQ 171.4090, -29.4330, -11.7450 Background



This preview shows how black text looks on a background with the YIQ color 171.4090, -29.4330, -11.7450.



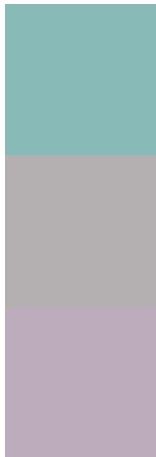
This preview shows how white text looks on a background with the YIQ color 171.4090, -29.4330, -11.7450.

-11.7450.

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

171.4090, -29.4330, -11.7450

Protanopia

177.4240, 1.7420, 1.4700

Deuteranopia

178.7930, 5.3170, 8.2690



Tritanopia

172.8420, -31.9100, -5.3980

Trichromacy



Original Color

171.4090, -29.4330, -11.7450

Protanomaly

175.2160, -9.5360, -3.3920

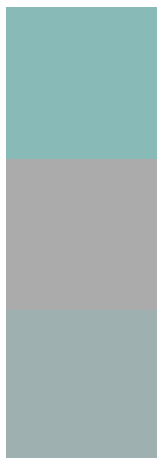
Deuteranomaly

175.9330, -7.0610, 1.3150

Tritanomaly

172.5600, -31.1760, -7.6880

Monochromacy



Original Color

171.4090, -29.4330, -11.7450

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2050, -11.0030, -4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4090, -29.4330, -11.7450 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(136, 187, 184)` looks like.

```
.text, #text, p{  
    color:rgb(136, 187, 184)  
}
```

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(136, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 187, 184) }
```

Border

The CSS property to change the border of an element to YIQ 171.4090, -29.4330, -11.7450 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(136, 187, 184) }
```


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

```
.border{ border-color:rgb(136, 187, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 187, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(136, 187,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4090, -29.4330, -11.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 187, 184) }
```

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

```
.background{ background-color: rgb(136,  
187, 184) }
```

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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