

Converting Colors

YIQ(174.2920, -42.2250,
-11.1930)

Have a look what the booklet for
YIQ(174.2920, -42.2250, -11.1930)
contains.

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Color

**YIQ(174.2920, -42.2250,
-11.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC1CA
RGB	127, 193, 202
RGB Percent	50%, 76%, 79%
CMY	0.5021, 0.2430, 0.2080
CMYK	0.37, 0.04, 0.00, 0.21
HSL	187°, 41%, 64%
HSV	187°, 37%, 79%
XYZ	38.4781, 46.9234, 62.8786
YIQ	174.2920, -42.2250, -11.1930

Conversions

Conversions Part 2

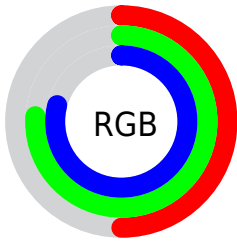
Format	Color
RYB	127, 162, 202
Decimal	8372682
CIELab	74.14, -18.66, -11.13
CIELCh	74, 21.727, 210.829
Yxy	46.9234, 0.2595, 0.3165
Android (android.graphics.Color)	4286562762 (0xFF7FC1CA)
YUV	174.2920, 13.6600, -41.4751
Hunter-Lab	68.5007, -19.6093, -6.4734

Details

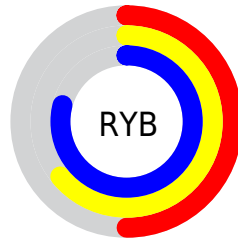
The YIQ color **174.2920, -42.2250, -11.1930** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **154.7080, 42.2250, 11.1930**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.5370, -41.5370, -12.6490**, and **120.2920, -42.2250, -11.1930** is the 20% darker color. If you saturate the color by 10%, you get **167.1380, -53.5950, -14.3870**, and if you desaturate by 10%, it is **181.4460, -30.8550, -7.9990**.

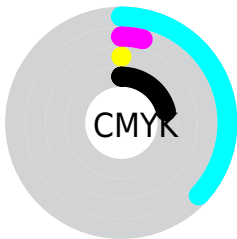
Distribution



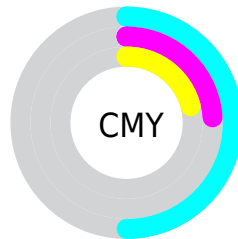
- Red (50%)
- Green (76%)
- Blue (79%)



- Red (50%)
- Yellow (64%)
- Blue (79%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.2920, -42.2250, -11.1930 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 174.2920, -42.2250, -11.1930 by changing the saturation by 10% instead.

■ 174.2920,
-42.2250, -11.1930

■ 174.2920,
-42.2250, -11.1930

■ 255.0000, -0.0000,
-0.0000

■ 147.2920,
-42.2250, -11.1930

■ 230.2380,
-42.1330, -12.8610

■ 120.2920,
-42.2250, -11.1930

■ 241.8440,
-26.2240, -9.3280

■ 94.2810, -43.6920,
-12.1400

■ 250.5150, -8.9400,
-3.1800

■ 65.6930, -50.8440,
-14.6840

■ 46.5910, -41.6290,
-10.9810

■ 31.0550, -28.1960,
-6.6280

■ 17.5080, -16.2300,

-3.2220

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 174.2920,
-42.2250, -11.1930

■ 174.2920,
-42.2250, -11.1930

■ 167.1380,
-53.5950, -14.3870

■ 181.4460,
-30.8550, -7.9990

■ 159.3970,
-64.6900, -17.0580

■ 189.1870,
-19.7600, -5.3280

■ 151.9440,
-76.6560, -20.4640

■ 196.6400, -7.7940,
-1.9220

■ 144.2030,
-87.7510, -23.1350

■ 204.3810, 3.3010,
0.7490

■ 137.0490,
-99.1210, -26.3290

■ 211.5350, 14.6710,
3.9430

■ 129.8950,
-110.4910, -29.5230

■ 218.6890, 26.0410,
7.1370

■ 127.5140,
-113.7920, -30.2720

■ 222.5430, 29.3880,
7.0520

■ 223.7170, 28.8380,
6.0060

■ 225.4780, 28.0130,
4.4370

Harmonies

Analogous

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



174.6920, -31.9080, -16.4520



174.2920, -42.2250, -11.1930



177.1170, -39.9340, -3.1500

Triad

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



174.2920, -42.2250, -11.1930



185.8960, 12.6970, 17.6970



181.4520, 21.7340, -8.4260

Complementary

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



174.2920, -42.2250, -11.1930



154.7080, 42.2250, 11.1930

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.



183.5830, 31.9110, -0.1290



174.2920, -42.2250, -11.1930



185.7420, 27.6900, 15.8020

Square

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



174.2920, -42.2250, -11.1930



184.1370, -7.1550, 14.0370



185.0490, 33.8350, 9.0590



178.9660, 5.3670, -14.6730

Rectangle

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



174.2920, -42.2250, -11.1930



179.5250, -32.0950, 3.4650



185.0490, 33.8350, 9.0590



182.0720, 25.8600, -6.1080

Sweetspot

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



174.2920, -42.2250, -11.1930



244.8670, -15.8630, -4.3670



172.0510, -23.5140, -36.4260



121.7430, -9.5820, -2.5580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



174.2920, -42.2250, -11.1930



212.3970, -64.6900, -17.0580



152.5730, -32.0500, 8.1580



98.4230, -5.6850, -1.5970



104.6260, -93.4360, -24.7320



24.2900, -21.5480, -5.9640

Inverse Universe

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



156.9490, 23.5140, 36.4260



185.8990, 36.1190, 55.7910



176.4270, 32.0500, -8.1580



96.0160, 3.0710, 4.9190



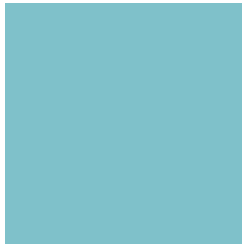
66.2780, 52.0700, 80.5980



15.2380, 11.7340, 18.6300

Previews

White Background



This preview shows how the YIQ color 174.2920, -42.2250, -11.1930 looks on a white background.

Color Contrast Check

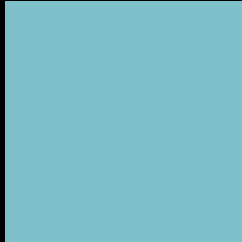
Large Text (above 18pt) WCAG AA × Fail

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 174.2920, -42.2250, -11.1930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

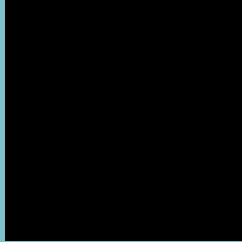
Any Text WCAG AA ✓ Pass

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 174.2920, -42.2250, -11.1930 Background



This preview shows how black text looks on a background with the YIQ color 174.2920, -42.2250, -11.1930.



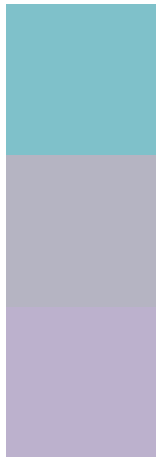
This preview shows how white text looks on a background with the YIQ color 174.2920, -42.2250, -11.1930.

-11.1930.

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

174.2920, -42.2250, -11.1930

Protanopia

181.8950, -3.8980, 4.5660

Deuteranopia

183.4810, -2.4320, 11.0400



Tritanopia

174.6880, -43.2800, -8.5920

Trichromacy



Original Color

174.2920, -42.2250, -11.1930

Protanomaly

179.1920, -18.1560, -1.3560

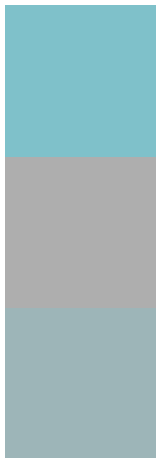
Deuteranomaly

180.3110, -16.8730, 2.9270

Tritanomaly

174.4600, -42.6380, -9.2140

Monochromacy



Original Color

174.2920, -42.2250, -11.1930

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1660, -15.2670, -4.1550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.2920, -42.2250, -11.1930 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(127, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(127, 193, 202)  
}
```

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(127, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 193, 202) }
```

Border

The CSS property to change the border of an element to YIQ 174.2920, -42.2250, -11.1930 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(127, 193, 202) }
```


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

```
.border{ border-color:rgb(127, 193, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 193, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 193, 202); box-shadow:4px 4px 4px 4px rgb(127, 193, 202) }
```

Background

The CSS property to change the background color of an element to YIQ 174.2920, -42.2250, -11.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 193, 202) }
```

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

```
.background{ background-color: rgb(127,  
193, 202) }
```

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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