

Converting Colors

YIQ(199.3690, -41.1240,
-14.6280)

Have a look what the booklet for
YIQ(199.3690, -41.1240, -14.6280)
contains.

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Color

**YIQ(199.3690, -41.1240,
-14.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	97DCDC
RGB	151, 220, 220
RGB Percent	59%, 86%, 86%
CMY	0.4080, 0.1371, 0.1374
CMYK	0.31, 0.00, 0.00, 0.14
HSL	180°, 50%, 73%
HSV	180°, 31%, 86%
XYZ	51.2683, 62.9420, 77.1282
YIQ	199.3690, -41.1240, -14.6280

Conversions

Conversions Part 2

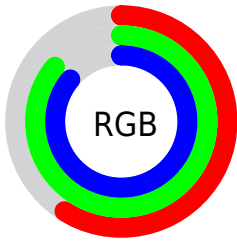
Format	Color
RYB	151, 186, 220
Decimal	9952476
CIELab	83.41, -21.49, -6.89
CIELCh	83, 22.564, 197.766
Yxy	62.9420, 0.2679, 0.3290
Android (android.graphics.Color)	4288142556 (0xFF97DCDC)
YUV	199.3690, 10.1711, -42.4196
Hunter-Lab	79.3360, -23.4883, -2.1048

Details

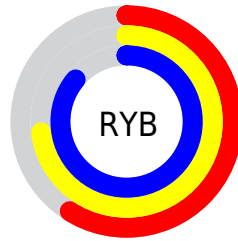
The YIQ color **199.3690, -41.1240, -14.6280** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **171.6310, 41.1240, 14.6280**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, -28.6080, -10.1760**, and **144.6680, -40.5280, -14.4160** is the 20% darker color. If you saturate the color by 10%, you get **192.7910, -54.2360, -19.2920**, and if you desaturate by 10%, it is **205.9470, -28.0120, -9.9640**.

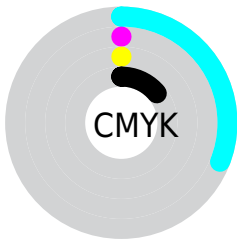
Distribution



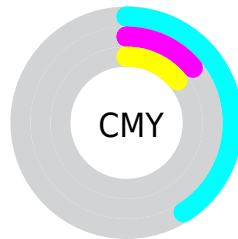
- Red (59%)
- Green (86%)
- Blue (86%)



- Red (59%)
- Yellow (73%)
- Blue (86%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (41%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.3690, -41.1240, -14.6280 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 199.3690, -41.1240, -14.6280 by changing the saturation by 10% instead.

■ 199.3690,
-41.1240, -14.6280

■ 199.3690,
-41.1240, -14.6280

■ 255.0000, -0.0000,
-0.0000

■ 171.6680,
-40.5280, -14.4160

■ 240.6480,
-28.6080, -10.1760

■ 144.6680,
-40.5280, -14.4160

■ 249.3190,
-11.3240, -4.0280

■ 117.7820,
-40.8490, -14.1050

■ 91.7710, -42.3160,
-15.0520

■ 62.9980, -50.3850,
-17.4970

■ 45.0920, -38.7860,
-12.9460

■ 29.5560, -25.3530,

-8.5930

■ 14.9490, -13.1580,
-3.8300

■ 0.0000, 0.0000,
0.0000

■ 199.3690,
-41.1240, -14.6280

■ 199.3690,
-41.1240, -14.6280

■ 192.7910,
-54.2360, -19.2920

■ 205.9470,
-28.0120, -9.9640

■ 186.2130,
-67.3480, -23.9560

■ 212.5250,
-14.9000, -5.3000

■ 179.6350,
-80.4600, -28.6200

■ 219.1030, -1.7880,
-0.6360

■ 173.0570,
-93.5720, -33.2840

■ 225.6810, 11.3240,
4.0280

■ 166.4790,
-106.6840, -37.9480

■ 230.4650, 20.8600,
7.4200

■ 159.9010,
-119.7960, -42.6120

■ 154.2200,
-131.1200, -46.6400

Harmonies

Analogous

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



200.7480, -26.3140, -18.7140



199.3690, -41.1240, -14.6280



200.8450, -45.1600, -7.5600

Triad

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



199.3690, -41.1240, -14.6280



211.1170, 4.7650, 18.2770



207.5670, 28.8400, -5.0480

Complementary

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



199.3690, -41.1240, -14.6280



171.6310, 41.1240, 14.6280

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.



209.6700, 36.2200, 4.3800



199.3690, -41.1240, -14.6280



211.8710, 23.0130, 17.9650

Square

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



199.3690, -41.1240, -14.6280



208.4070, -16.7830, 12.3130



210.9830, 34.2010, 13.4410



205.3970, 14.3990, -13.1610

Rectangle

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



199.3690, -41.1240, -14.6280



202.9970, -39.4760, -0.4360



210.9830, 34.2010, 13.4410



208.4150, 32.3240, -2.1080

Sweetspot

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



199.3690, -41.1240, -14.6280



248.1230, -13.7080, -4.8760



191.8020, -18.3790, -35.8750



123.4010, -8.6190, -3.4910



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.



199.3690, -41.1240, -14.6280



225.9970, -57.8120, -20.5640



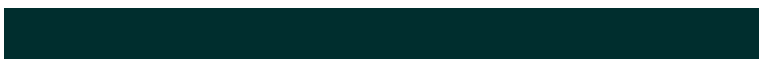
179.9980, -32.0490, 2.6310



106.7110, -6.5560, -2.3320



121.2730, -103.1080, -36.6760



32.2460, -27.4160, -9.7520

Inverse Universe

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



171.6310, 41.1240, 14.6280



187.0030, 57.8120, 20.5640



191.0020, 32.0490, -2.6310



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 199.3690, -41.1240, -14.6280 looks on a white background.

Color Contrast Check

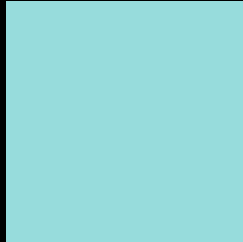
Large Text (above 18pt) WCAG AA × Fail

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 199.3690, -41.1240, -14.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

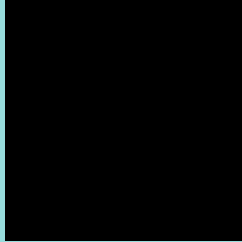
Any Text WCAG AA ✓ Pass

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 199.3690, -41.1240, -14.6280 Background



This preview shows how black text looks on a background with the YIQ color 199.3690, -41.1240, -14.6280.



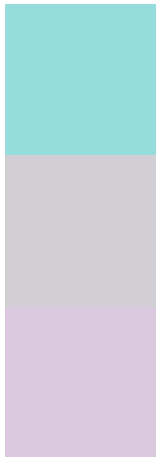
This preview shows how white text looks on a background with the YIQ color 199.3690, -41.1240, -14.6280.

-14.6280.

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

199.3690, -41.1240, -14.6280

Protanopia

207.5810, -0.1380, 2.5020

Deuteranopia

209.0040, 3.3450, 10.9690



Tritanopia

201.1010, -43.0050, -8.0690

Trichromacy



Original Color

199.3690, -41.1240, -14.6280

Protanomaly

204.5790, -14.9920, -3.6320

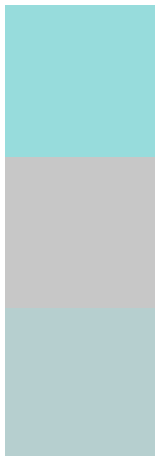
Deuteranomaly

205.5240, -13.1590, 1.6970

Tritanomaly

200.8190, -42.2710, -10.3590

Monochromacy



Original Color

199.3690, -41.1240, -14.6280

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.5250, -14.9000, -5.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.3690, -41.1240, -14.6280 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(151, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(151, 220, 220)  
}
```

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(151, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 220, 220) }
```

Border

The CSS property to change the border of an element to YIQ 199.3690, -41.1240, -14.6280 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(151, 220, 220) }
```


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

```
.border{ border-color:rgb(151, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 220, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 220, 220); box-shadow:4px 4px 4px 4px rgb(151, 220, 220) }
```

Background

The CSS property to change the background color of an element to YIQ 199.3690, -41.1240, -14.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 220, 220) }
```

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

```
.background{ background-color: rgb(151,  
220, 220) }
```

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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