

Converting Colors

YIQ(194.0750, -40.1160,
-10.8680)

Have a look what the booklet for
YIQ(194.0750, -40.1160, -10.8680)
contains.

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Color

**YIQ(194.0750, -40.1160,
-10.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	95D4DC
RGB	149, 212, 220
RGB Percent	58%, 83%, 86%
CMY	0.4158, 0.1685, 0.1374
CMYK	0.32, 0.04, 0.00, 0.14
HSL	187°, 50%, 72%
HSV	187°, 32%, 86%
XYZ	48.8505, 58.6514, 76.4270
YIQ	194.0750, -40.1160, -10.8680

Conversions

Conversions Part 2

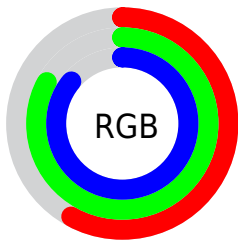
Format	Color
RYB	149, 182, 220
Decimal	9819356
CIELab	81.10, -18.02, -10.33
CIELCh	81, 20.773, 209.820
Yxy	58.6514, 0.2656, 0.3189
Android (android.graphics.Color)	4288009436 (0xFF95D4DC)
YUV	194.0750, 12.7810, -39.5308
Hunter-Lab	76.5842, -20.1632, -5.5594

Details

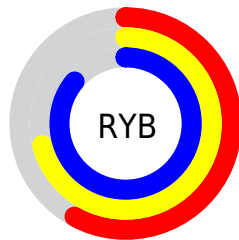
The YIQ color **194.0750, -40.1160, -10.8680** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **174.9250, 40.1160, 10.8680**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, -29.8000, -10.6000**, and **139.3740, -39.5200, -10.6560** is the 20% darker color. If you saturate the color by 10%, you get **186.3230, -52.6780, -14.4860**, and if you desaturate by 10%, it is **201.8270, -27.5540, -7.2500**.

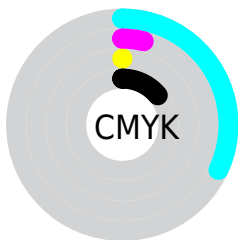
Distribution



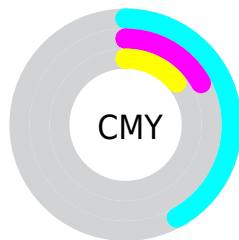
- Red (58%)
- Green (83%)
- Blue (86%)



- Red (58%)
- Yellow (71%)
- Blue (86%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (42%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.0750, -40.1160, -10.8680 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 194.0750, -40.1160, -10.8680 by changing the saturation by 10% instead.

■ 194.0750,
-40.1160, -10.8680

■ 194.0750,
-40.1160, -10.8680

■ 255.0000, -0.0000,
-0.0000

■ 166.3740,
-39.5200, -10.6560

■ 240.0500,
-29.8000, -10.6000

■ 139.3740,
-39.5200, -10.6560

■ 248.7210,
-12.5160, -4.4520

■ 113.0750,
-40.1160, -10.8680

■ 87.3630, -40.9870,
-11.6030

■ 58.5900, -49.0560,
-14.0480

■ 41.4560, -36.8150,
-10.1190

■ 26.0340, -23.7030,

-5.4550

■ 7.9050, -9.8580,
2.4460

■ 0.0000, 0.0000,
0.0000

■ 194.0750,
-40.1160, -10.8680

■ 194.0750,
-40.1160, -10.8680

■ 186.3230,
-52.6780, -14.4860

■ 201.8270,
-27.5540, -7.2500

■ 177.9840,
-64.9650, -17.5810

■ 210.1660,
-15.2670, -4.1550

■ 170.2320,
-77.5270, -21.1990

■ 217.9180, -2.7050,
-0.5370

■ 161.8930,
-89.8140, -24.2940

■ 226.2570, 9.5820,
2.5580

■ 154.1410,
-102.3760, -27.9120

■ 232.8130, 19.7600,
5.3280

■ 145.8020,
-114.6630, -31.0070

■ 234.5740, 18.9350,
3.7590

■ 139.5450,
-124.2450, -33.5650

■ 235.7480, 18.3850,
2.7130

■ 237.5090, 17.5600,
1.1440

■ 238.6830, 17.0100,
0.0980

Harmonies

Analogous

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



194.5890, -30.1200, -15.8160



194.0750, -40.1160, -10.8680



196.6010, -38.4210, -3.0370

Triad

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



194.0750, -40.1160, -10.8680



205.1840, 11.8260, 16.9620



200.8650, 22.0090, -7.9030

Complementary

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



194.0750, -40.1160, -10.8680



174.9250, 40.1160, 10.8680

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.



202.6970, 31.5900, 0.1820



194.0750, -40.1160, -10.8680



205.1440, 26.4980, 15.3780

Square

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



194.0750, -40.1160, -10.8680



203.1370, -7.1550, 14.0370



204.1630, 33.5140, 9.3700



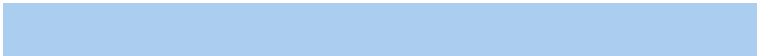
198.2650, 5.9630, -14.4610

Rectangle

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



194.0750, -40.1160, -10.8680



198.7100, -31.1780, 3.3660



204.1630, 33.5140, 9.3700



201.5990, 25.8140, -5.2740

Sweetspot

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



194.0750, -40.1160, -10.8680



245.7640, -14.0750, -3.7310



191.4750, -21.7720, -34.9560



122.0420, -8.9860, -2.3460



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.



194.0750, -40.1160, -10.8680



218.9420, -55.9790, -15.2350



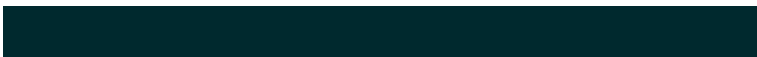
173.5300, -30.4910, 7.4370



105.5370, -6.0060, -1.2860



110.1200, -97.8830, -26.7390



29.3110, -26.0410, -7.1370

Inverse Universe

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



177.4110, 22.0930, 34.6450



195.6330, 30.7560, 48.3560



195.4700, 30.4910, -7.4370



103.3150, 3.6670, 5.1310



69.2830, 53.6740, 84.5700



18.4280, 14.2550, 22.5030

Previews

White Background



This preview shows how the YIQ color 194.0750, -40.1160, -10.8680 looks on a white background.

Color Contrast Check

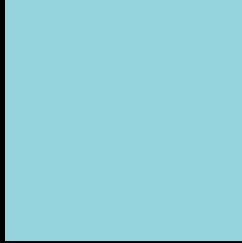
Large Text (above 18pt) WCAG AA × Fail

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 194.0750, -40.1160, -10.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

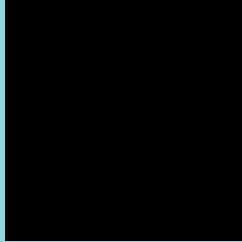
Any Text WCAG AA ✓ Pass

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 194.0750, -40.1160, -10.8680 Background



This preview shows how black text looks on a background with the YIQ color 194.0750, -40.1160, -10.8680.



This preview shows how white text looks on a background with the YIQ color 194.0750, -40.1160, -10.8680.

-10.8680.

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

194.0750, -40.1160, -10.8680

Protanopia

201.0800, -2.9810, 4.4670

Deuteranopia

202.6770, -0.0480, 11.8880



Tritanopia

194.9980, -41.2170, -7.4330

Trichromacy



Original Color

194.0750, -40.1160, -10.8680

Protanomaly

198.6760, -16.6430, -1.2430

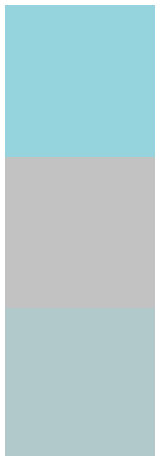
Deuteranomaly

199.5070, -14.4890, 3.7750

Tritanomaly

194.3570, -40.8500, -8.5780

Monochromacy



Original Color

194.0750, -40.1160, -10.8680

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.3510, -14.3500, -4.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.0750, -40.1160, -10.8680 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(149, 212, 220)` looks like.

```
.text, #text, p{  
    color:rgb(149, 212, 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(149, 212, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 212, 220) }
```

Border

The CSS property to change the border of an element to YIQ 194.0750, -40.1160, -10.8680 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(149, 212, 220) }
```


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

```
.border{ border-color:rgb(149, 212, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 212, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 212, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 212, 220);  
box-shadow:4px 4px 4px 4px rgb(149, 212,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 194.0750, -40.1160, -10.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 212, 220) }
```

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

```
.background{ background-color: rgb(149,  
212, 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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