

Converting Colors

YIQ(199.0240, -26.9110,
-13.3990)

Have a look what the booklet for
YIQ(199.0240, -26.9110, -13.3990)
contains.

YIQ(199.0240, -26.9110, -13.3990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.0240, -26.9110,
-13.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D7CE
RGB	165, 215, 206
RGB Percent	65%, 84%, 81%
CMY	0.3531, 0.1568, 0.1923
CMYK	0.23, 0.00, 0.04, 0.16
HSL	169°, 38%, 75%
HSV	169°, 23%, 84%
XYZ	50.9537, 61.0625, 67.4770
YIQ	199.0240, -26.9110, -13.3990

Conversions

Conversions Part 2

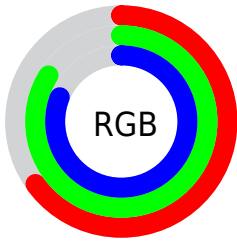
Format	Color
RYB	165, 192, 215
Decimal	10868686
CIELab	82.41, -18.01, -0.84
CIELCh	82, 18.033, 182.664
Yxy	61.0625, 0.2839, 0.3402
Android (android.graphics.Color)	4289058766 (0xFFA5D7CE)
YUV	199.0240, 3.4392, -29.8390
Hunter-Lab	78.1425, -20.3564, 3.5021

Details

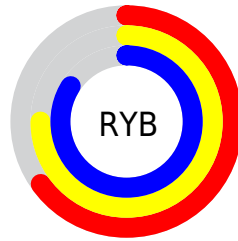
The YIQ color **199.0240, -26.9110, -13.3990** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180.9760, 26.9110, 13.3990**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, -20.2640, -7.2080**, and **144.7360, -26.0400, -12.6640** is the 20% darker color. If you saturate the color by 10%, you get **191.9900, -38.7390, -19.3070**, and if you desaturate by 10%, it is **205.7590, -15.6790, -7.7030**.

Distribution



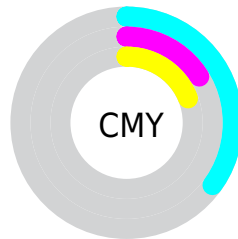
- Red (65%)
- Green (84%)
- Blue (81%)



- Red (65%)
- Yellow (75%)
- Blue (84%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (35%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.0240, -26.9110, -13.3990 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 199.0240, -26.9110, -13.3990 by changing the saturation by 10% instead.

■ 199.0240,
-26.9110, -13.3990

■ 199.0240,
-26.9110, -13.3990

■ 255.0000, -0.0000,
-0.0000

■ 171.3230,
-26.3150, -13.1870

■ 244.8340,
-20.2640, -7.2080

■ 144.7360,
-26.0400, -12.6640

■ 253.5050, -2.9800,
-1.0600

■ 118.7360,
-26.0400, -12.6640

■ 93.4480, -25.1690,
-11.9290

■ 69.1490, -25.7650,
-12.1410

■ 44.6540, -28.7450,
-13.2010

■ 26.6550, -21.3180,

-10.1340

■ 10.5320, -7.6100,
-5.2580

■ 0.0000, 0.0000,
0.0000

■ 199.0240,
-26.9110, -13.3990

■ 199.0240,
-26.9110, -13.3990

■ 191.9900,
-38.7390, -19.3070

■ 205.7590,
-15.6790, -7.7030

■ 185.2550,
-49.9710, -25.0030

■ 212.7930, -3.8510,
-1.7950

■ 178.2210,
-61.7990, -30.9110

■ 219.5280, 7.3810,
3.9010

■ 171.4860,
-73.0310, -36.6070

■ 226.5620, 19.2090,
9.8090

■ 164.5660,
-85.1800, -42.2040

■ 228.1000, 20.6300,
11.5900

■ 157.8310,
-96.4120, -47.9000

■ 228.5560, 19.3460,
12.8340

■ 150.7970,
-108.2400, -53.8080

■ 229.0120, 18.0620,
14.0780

■ 146.2690,
-115.6210, -57.7090

■ 229.4680, 16.7780,
15.3220

■ 229.9240, 15.4940,
16.5660

Harmonies

Analogous

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



200.0980, -12.5600, -14.6720



199.0240, -26.9110, -13.3990



199.1790, -34.4770, -8.4370

Triad

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



199.0240, -26.9110, -13.3990



206.8660, -4.9540, 12.6940



206.2450, 27.0510, -0.1570

Complementary

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



199.0240, -26.9110, -13.3990



180.9760, 26.9110, 13.3990

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.



207.6570, 29.0670, 7.3630



199.0240, -26.9110, -13.3990



208.1300, 11.9180, 15.2940

Square

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



199.0240, -26.9110, -13.3990



204.3800, -21.3210, 6.4470



208.0080, 23.8850, 13.1730



204.1250, 18.3410, -7.5070

Rectangle

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



199.0240, -26.9110, -13.3990



200.1130, -34.1110, -4.0550



208.0080, 23.8850, 13.1730



206.6090, 29.0220, 2.6700

Sweetspot

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



199.0240, -26.9110, -13.3990



249.2760, -9.7650, -4.7490



197.0410, -8.3860, -24.2420



124.4830, -5.9140, -2.9540



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.



199.0240, -26.9110, -13.3990



232.2890, -38.1430, -19.0950



190.6580, -25.4000, -2.2320



103.4830, -5.9140, -2.9540



116.3370, -91.9650, -45.8930



29.3450, -23.3810, -11.2930

Inverse Universe

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



180.9760, 26.9110, 13.3990



206.7110, 38.1430, 19.0950



189.3420, 25.4000, 2.2320



99.5170, 5.9140, 2.9540



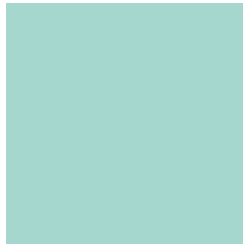
54.6630, 91.9650, 45.8930



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 199.0240, -26.9110, -13.3990 looks on a white background.

Color Contrast Check

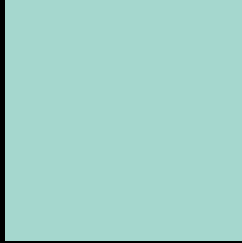
Large Text (above 18pt) WCAG AA × Fail

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 199.0240, -26.9110, -13.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

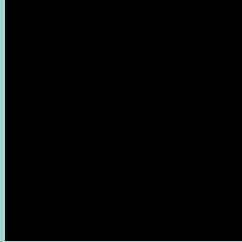
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

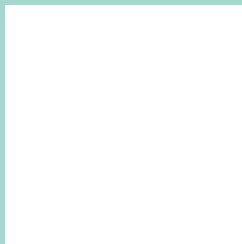
Any Text WCAG AAA ✓ Pass

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

YIQ 199.0240, -26.9110, -13.3990 Background



This preview shows how black text looks on a background with the YIQ color 199.0240, -26.9110, -13.3990.



This preview shows how white text looks on a background with the YIQ color 199.0240, -26.9110, -13.3990.

-13.3990.

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

199.0240, -26.9110, -13.3990

Protanopia

204.9250, 4.5850, -0.4950

Deuteranopia

206.4300, 10.7730, 8.5090



Tritanopia

201.3800, -30.4890, -3.6170

Trichromacy



Original Color

199.0240, -26.9110, -13.3990

Protanomaly

202.8310, -7.0140, -5.0460

Deuteranomaly

203.5590, -3.0720, 0.6080

Tritanomaly

200.4570, -29.3880, -7.0520

Monochromacy



Original Color

199.0240, -26.9110, -13.3990

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.2760, -9.7650, -4.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.0240, -26.9110, -13.3990 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(165, 215, 206)` looks like.

```
.text, #text, p{  
    color:rgb(165, 215, 206)  
}
```

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(165, 215, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 215, 206) }
```

Border

The CSS property to change the border of an element to YIQ 199.0240, -26.9110, -13.3990 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(165, 215, 206) }
```


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

```
.border{ border-color:rgb(165, 215, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 215, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 215, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 215, 206);  
box-shadow:4px 4px 4px 4px rgb(165, 215,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 199.0240, -26.9110, -13.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 215, 206) }
```

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

```
.background{ background-color: rgb(165,  
215, 206) }
```

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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