

Converting Colors

YIQ(190.2020, -33.2840,
-13.5400)

Have a look what the booklet for
YIQ(190.2020, -33.2840, -13.5400)
contains.

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Color

**YIQ(190.2020, -33.2840,
-13.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	96D0CC
RGB	150, 208, 204
RGB Percent	59%, 82%, 80%
CMY	0.4119, 0.1842, 0.2001
CMYK	0.28, 0.00, 0.02, 0.18
HSL	176°, 38%, 70%
HSV	176°, 28%, 82%
XYZ	46.0280, 55.9623, 65.4819
YIQ	190.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

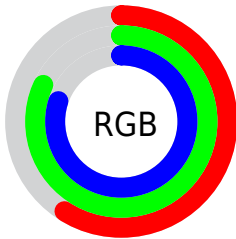
Format	Color
R _{YB}	150, 180, 208
Decimal	9883852
CIE Lab	79.59, -19.39, -4.00
CIE LCh	80, 19.802, 191.663
Yxy	55.9623, 0.2748, 0.3342
Android (android.graphics.Color)	4288073932 (0xFF96D0CC)
YUV	190.2020, 6.8024, -35.2572
Hunter-Lab	74.8080, -21.0860, 0.4670

Details

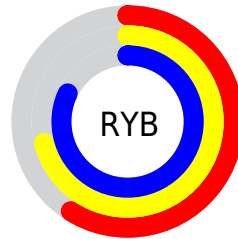
The YIQ color **190.2020, -33.2840, -13.5400** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **167.7980, 33.2840, 13.5400**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.3490, -29.2040, -10.3880**, and **135.9140, -32.4130, -12.8050** is the 20% darker color. If you saturate the color by 10%, you get **183.8090, -45.4790, -18.3030**, and if you desaturate by 10%, it is **196.5950, -21.0890, -8.7770**.

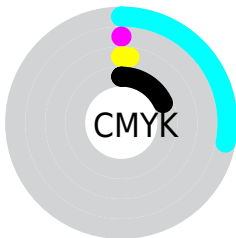
Distribution



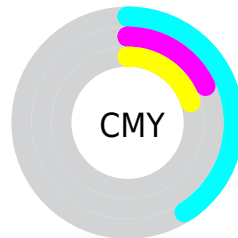
- Red (59%)
- Green (82%)
- Blue (80%)



- Red (59%)
- Yellow (71%)
- Blue (82%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (41%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.2020, -33.2840, -13.5400 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 190.2020, -33.2840, -13.5400 by changing the saturation by 10% instead.

■ 190.2020,
-33.2840, -13.5400

■ 190.2020,
-33.2840, -13.5400

■ 255.0000, -0.0000,
-0.0000

■ 162.6150,
-33.0090, -13.0170

■ 240.3490,
-29.2040, -10.3880

■ 135.9140,
-32.4130, -12.8050

■ 248.7210,
-12.5160, -4.4520

■ 109.9140,
-32.4130, -12.8050

■ 84.6150, -33.0090,
-13.0170

■ 59.1200, -35.9890,
-14.0770

■ 38.3270, -32.1380,
-12.2820

■ 23.0190, -19.3470,

-7.3070

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 190.2020,
-33.2840, -13.5400

■ 190.2020,
-33.2840, -13.5400

■ 183.8090,
-45.4790, -18.3030

■ 196.5950,
-21.0890, -8.7770

■ 177.3020,
-57.3530, -23.3770

■ 203.1020, -9.2150,
-3.7030

■ 171.2080,
-68.9520, -27.9280

■ 209.1960, 2.3840,
0.8480

■ 164.7010,
-80.8260, -33.0020

■ 215.7030, 14.2580,
5.9220

■ 158.3080,
-93.0210, -37.7650

■ 222.0960, 26.4530,
10.6850

■ 151.8010,
-104.8950, -42.8390

■ 222.6230, 26.4070,
11.5190

■ 145.4080,
-117.0900, -47.6020

■ 222.7370, 26.0860,
11.8300

■ 144.0980,
-119.1530, -48.7610

■ 222.9650, 25.4440,
12.4520

■ 223.0790, 25.1230,
12.7630

Harmonies

Analogous

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



191.3360, -19.1620, -16.1700



190.2020, -33.2840, -13.5400



190.6670, -38.7870, -7.4190

Triad

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



190.2020, -33.2840, -13.5400



199.6710, 0.0890, 14.9130



197.6640, 27.1890, -2.6590

Complementary

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



190.2020, -33.2840, -13.5400



167.7980, 33.2840, 13.5400

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.



199.4570, 32.5060, 5.6100



190.2020, -33.2840, -13.5400



200.8810, 17.0530, 15.8450

Square

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



190.2020, -33.2840, -13.5400



197.2280, -17.8370, 9.3870



200.3460, 28.7450, 13.2010



195.5760, 15.4530, -10.2350

Rectangle

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



190.2020, -33.2840, -13.5400



192.7970, -36.0370, -2.1890



200.3460, 28.7450, 13.2010



198.2130, 30.0770, 0.0690

Sweetspot

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



190.2020, -33.2840, -13.5400



248.9060, -11.5990, -4.5510



185.5410, -12.9700, -29.2740



123.9990, -7.4270, -3.0670



0.0000, 0.0000, 0.0000



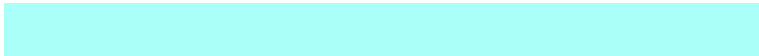
128.0000, -0.0000, -0.0000

Same Dimension

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



190.2020, -33.2840, -13.5400



229.2000, -48.1380, -19.6740



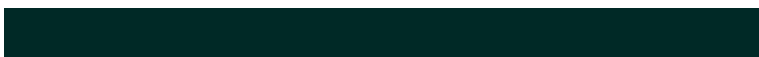
176.5700, -27.9680, 0.2560



101.5970, -6.2350, -2.6430



116.5140, -96.5970, -39.0370



28.3990, -23.4730, -9.6250

Inverse Universe

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



167.7980, 33.2840, 13.5400



196.8000, 48.1380, 19.6740



181.4300, 27.9680, -0.2560



97.4030, 6.2350, 2.6430



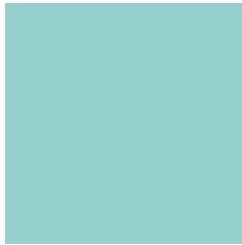
51.6000, 96.2760, 39.3480



12.6010, 23.4730, 9.6250

Previews

White Background



This preview shows how the YIQ color 190.2020, -33.2840, -13.5400 looks on a white background.

Color Contrast Check

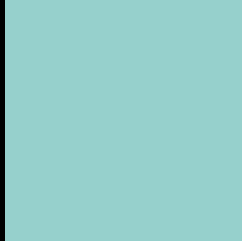
Large Text (above 18pt) WCAG AA × Fail

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 190.2020, -33.2840, -13.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

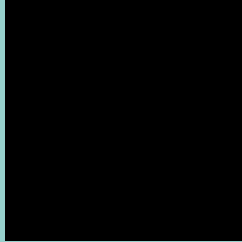
Any Text WCAG AA ✓ Pass

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 190.2020, -33.2840, -13.5400 Background



This preview shows how black text looks on a background with the YIQ color 190.2020, -33.2840, -13.5400.



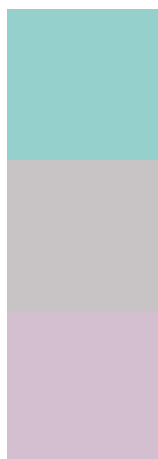
This preview shows how white text looks on a background with the YIQ color 190.2020, -33.2840, -13.5400.

-13.5400.

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

190.2020, -33.2840, -13.5400

Protanopia

197.3100, 2.0630, 1.1590

Deuteranopia

198.9180, 6.4630, 9.5270



Tritanopia

191.6890, -35.8530, -5.5250

Trichromacy



Original Color

190.2020, -33.2840, -13.5400

Protanomaly

194.6180, -10.7280, -3.8160

Deuteranomaly

195.7480, -7.9780, 1.4140

Tritanomaly

191.1790, -34.4770, -8.4370

Monochromacy



Original Color

190.2020, -33.2840, -13.5400

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1940, -12.4700, -5.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.2020, -33.2840, -13.5400 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(150, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(150, 208, 204)  
}
```

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(150, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 208, 204) }
```

Border

The CSS property to change the border of an element to YIQ 190.2020, -33.2840, -13.5400 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(150, 208, 204) }
```


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

```
.border{ border-color:rgb(150, 208, 204) }
```

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

Here you see how a box with a 4 pixel rgb(150, 208, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(150, 208,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 190.2020, -33.2840, -13.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 208, 204) }
```

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

```
.background{ background-color: rgb(150,  
208, 204) }
```

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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