

Converting Colors

YIQ(193.1450, -19.9420,
-13.0460)

Have a look what the booklet for
YIQ(193.1450, -19.9420, -13.0460)
contains.

YIQ(193.1450, -19.9420, -13.0460)	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(193.1450, -19.9420,
-13.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	A6CFC1
RGB	166, 207, 193
RGB Percent	65%, 81%, 76%
CMY	0.3491, 0.1882, 0.2432
CMYK	0.20, 0.00, 0.07, 0.19
HSL	159°, 30%, 73%
HSV	159°, 20%, 81%
XYZ	47.6609, 56.5875, 58.8524
YIQ	193.1450, -19.9420, -13.0460

Conversions

Conversions Part 2

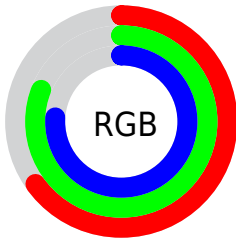
Format	Color
RYB	166, 191, 207
Decimal	10932161
CIELab	79.95, -16.33, 2.51
CIELCh	80, 16.524, 171.264
Yxy	56.5875, 0.2922, 0.3469
Android (android.graphics.Color)	4289122241 (0xFFA6CFC1)
YUV	193.1450, -0.0715, -23.8062
Hunter-Lab	75.2247, -18.5491, 6.2715

Details

The YIQ color **193.1450, -19.9420, -13.0460** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179.8550, 19.9420, 13.0460**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.4490, -17.7420, -8.8620**, and **139.5580, -19.6670, -12.5230** is the 20% darker color. If you saturate the color by 10%, you get **186.0680, -30.2110, -19.6750**, and if you desaturate by 10%, it is **200.2220, -9.6730, -6.4170**.

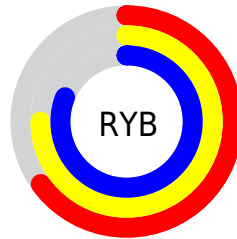
Distribution



Red (65%)

Green (81%)

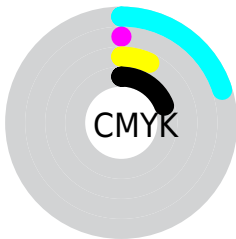
Blue (76%)



Red (65%)

Yellow (75%)

Blue (81%)

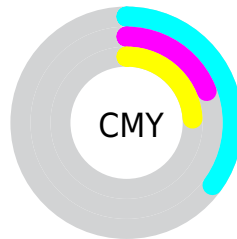


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (19%)



Cyan (35%)

Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.1450, -19.9420, -13.0460 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 193.1450, -19.9420, -13.0460 by changing the saturation by 10% instead.

■ 193.1450,
-19.9420, -13.0460

■ 193.1450,
-19.9420, -13.0460

■ 255.0000, -0.0000,
-0.0000

■ 165.5580,
-19.6670, -12.5230

■ 244.4490,
-17.7420, -8.8620

■ 139.5580,
-19.6670, -12.5230

■ 253.5050, -2.9800,
-1.0600

■ 113.8570,
-19.0710, -12.3110

■ 88.6830, -18.5210,
-11.2650

■ 64.6830, -18.5210,
-11.2650

■ 41.7970, -18.8420,
-10.9540

■ 22.1070, -16.7790,

-9.7950

■ 0.0000, 0.0000,
0.0000

■ 193.1450,
-19.9420, -13.0460

■ 193.1450,
-19.9420, -13.0460

■ 186.0680,
-30.2110, -19.6750

■ 200.2220, -9.6730,
-6.4170

■ 179.2900,
-39.8840, -26.0920

■ 207.0000, 0.0000,
-0.0000

■ 172.2130,
-50.1530, -32.7210

■ 214.0770, 10.2690,
6.6290

■ 165.1360,
-60.4220, -39.3500

■ 221.1540, 20.5380,
13.2580

■ 158.0590,
-70.6910, -45.9790

■ 223.7460, 21.8670,
16.7070

■ 151.2810,
-80.3640, -52.3960

■ 224.5440, 19.6200,
18.8840

■ 144.0900,
-90.3120, -59.3360

■ 225.4560, 17.0520,
21.3720

■ 137.0130,
-100.5810, -65.9650

■ 226.2540, 14.8050,
23.5490

■ 226.8240, 13.2000,
25.1040

Harmonies

Analogous

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



194.8600, -5.9580, -13.1740



193.1450, -19.9420, -13.0460



192.5770, -29.8460, -9.7660

Triad

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



193.1450, -19.9420, -13.0460



199.2350, -10.5470, 9.4290



199.9400, 26.5920, 2.6560

Complementary

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



193.1450, -19.9420, -13.0460



179.8550, 19.9420, 13.0460

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.



200.8570, 25.6280, 9.1160



193.1450, -19.9420, -13.0460



200.9550, 5.0410, 13.2730

Square

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



193.1450, -19.9420, -13.0460



196.6030, -23.5670, 3.0970



201.3710, 18.4290, 12.9330



198.4890, 20.3120, -4.6800

Rectangle

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



193.1450, -19.9420, -13.0460



193.3150, -31.8640, -6.2320



201.3710, 18.4290, 12.9330



200.4070, 26.7750, 4.8470

Sweetspot

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



193.1450, -19.9420, -13.0460



249.9450, -7.3350, -4.7350



194.2530, -2.9310, -18.4750



124.8530, -4.0800, -3.1520



0.0000, 0.0000, 0.0000



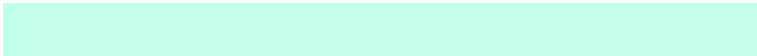
128.0000, -0.0000, -0.0000

Same Dimension

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



193.1450, -19.9420, -13.0460



234.3670, -29.6150, -19.4630



191.2190, -22.7860, -5.5540



101.2550, -5.2720, -3.5760



111.2700, -81.8310, -53.3430



27.1450, -19.9420, -13.0460

Inverse Universe

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



179.8550, 19.9420, 13.0460



214.6330, 29.6150, 19.4630



181.7810, 22.7860, 5.5540



97.7450, 5.2720, 3.5760



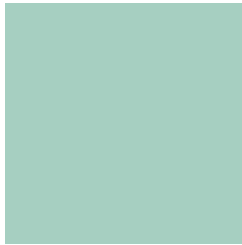
56.8440, 81.5100, 53.6540



13.8550, 19.9420, 13.0460

Previews

White Background



This preview shows how the YIQ color 193.1450, -19.9420, -13.0460 looks on a white background.

Color Contrast Check

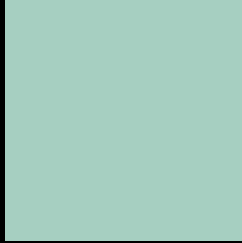
Large Text (above 18pt) WCAG AA × Fail

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 193.1450, -19.9420, -13.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

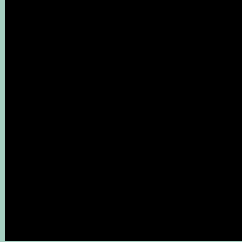
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

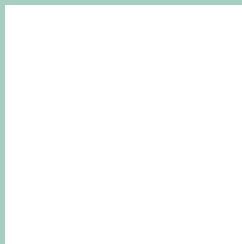
Any Text WCAG AAA ✓ Pass

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

YIQ 193.1450, -19.9420, -13.0460 Background



This preview shows how black text looks on a background with the YIQ color 193.1450, -19.9420, -13.0460.



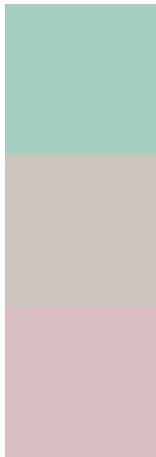
This preview shows how white text looks on a background with the YIQ color 193.1450, -19.9420, -13.0460.

-13.0460.

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

193.1450, -19.9420, -13.0460

Protanopia

197.9530, 7.3820, -1.6260

Deuteranopia

199.3440, 13.8910, 7.0670



Tritanopia

195.2560, -24.2080, -1.8080

Trichromacy



Original Color

193.1450, -19.9420, -13.0460

Protanomaly

196.3430, -2.7040, -6.0640

Deuteranomaly

197.0710, 1.2380, -0.4100

Tritanomaly

194.2190, -22.7860, -5.5540

Monochromacy



Original Color

193.1450, -19.9420, -13.0460

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.9450, -7.3350, -4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.1450, -19.9420, -13.0460 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(166, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 207, 193)  
}
```

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(166, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 207, 193) }
```

Border

The CSS property to change the border of an element to YIQ 193.1450, -19.9420, -13.0460 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(166, 207, 193) }
```


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

```
.border{ border-color:rgb(166, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 207,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 193.1450, -19.9420, -13.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 207, 193) }
```

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

```
.background{ background-color: rgb(166,  
207, 193) }
```

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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