

Converting Colors

YIQ(196.9450, -33.6980,
-6.0340)

Have a look what the booklet for
YIQ(196.9450, -33.6980, -6.0340)
contains.

YIQ(196.9450, -33.6980, -6.0340)	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(196.9450, -33.6980,
-6.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D2E0
RGB	161, 210, 224
RGB Percent	63%, 82%, 88%
CMY	0.3687, 0.1764, 0.1217
CMYK	0.28, 0.06, 0.00, 0.12
HSL	193°, 50%, 75%
HSV	193°, 28%, 88%
XYZ	51.1936, 59.0574, 79.1958
YIQ	196.9450, -33.6980, -6.0340

Conversions

Conversions Part 2

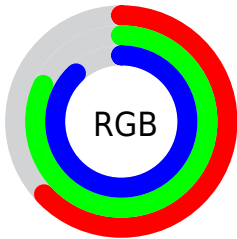
Format	Color
R _{YB}	161, 189, 224
Decimal	10605280
CIE Lab	81.32, -12.68, -12.07
CIE LCh	81, 17.505, 223.572
Yxy	59.0574, 0.2702, 0.3117
Android (android.graphics.Color)	4288795360 (0xFFA1D2E0)
YUV	196.9450, 13.3381, -31.5238
Hunter-Lab	76.8488, -15.5758, -7.3066

Details

The YIQ color $196.9450, -33.6980, -6.0340$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $188.0550, 33.6980, 6.0340$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.6380, -22.6480, -8.0560$, and $142.2440, -33.1020, -5.8220$ is the 20% darker color. If you saturate the color by 10%, you get $187.4320, -45.4350, -8.0830$, and if you desaturate by 10%, it is $206.4580, -21.9610, -3.9850$.

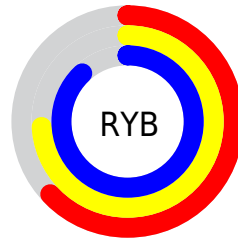
Distribution



Red (63%)

Green (82%)

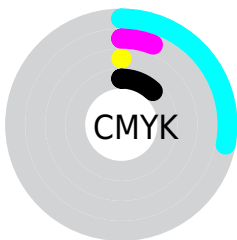
Blue (88%)



Red (63%)

Yellow (74%)

Blue (88%)

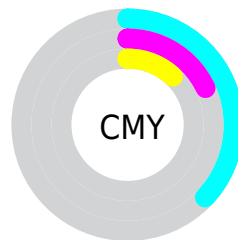


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (37%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.9450, -33.6980, -6.0340 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 196.9450, -33.6980, -6.0340 by changing the saturation by 10% instead.

■ 196.9450,
-33.6980, -6.0340

■ 196.9450,
-33.6980, -6.0340

■ 255.0000, -0.0000,
-0.0000

■ 169.2440,
-33.1020, -5.8220

■ 243.6380,
-22.6480, -8.0560

■ 142.8310,
-33.3770, -6.3450

■ 252.3090, -5.3640,
-1.9080

■ 116.1300,
-32.7810, -6.1330

■ 91.1300, -32.7810,
-6.1330

■ 66.1190, -34.2480,
-7.0800

■ 41.3250, -37.8240,
-8.3520

■ 25.7890, -24.3910,

-3.9990

■ 8.8340, -11.0960,
2.8560

■ 0.0000, 0.0000,
0.0000

■ 196.9450,
-33.6980, -6.0340

■ 196.9450,
-33.6980, -6.0340

■ 187.4320,
-45.4350, -8.0830

■ 206.4580,
-21.9610, -3.9850

■ 177.6200,
-57.7680, -10.3440

■ 216.2700, -9.6280,
-1.7240

■ 168.1070,
-69.5050, -12.3930

■ 225.7830, 2.1090,
0.3250

■ 158.2950,
-81.8380, -14.6540

■ 235.5950, 14.4420,
2.5860

■ 148.7820,
-93.5750, -16.7030

■ 239.7260, 15.4510,
0.8190

■ 139.2690,
-105.3120, -18.7520

■ 242.6610, 14.0760,
-1.7960

■ 129.4570,
-117.6450, -21.0130

■ 245.5960, 12.7010,
-4.4110

■ 127.6740,
-119.7540, -21.3380

■ 248.5310, 11.3260,
-7.0260

■ 251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



196.1100, -30.0290, -11.9570



196.9450, -33.6980, -6.0340



199.5100, -27.7390, 1.6130

Triad

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



196.9450, -33.6980, -6.0340



205.6420, 16.2280, 14.2760



200.4340, 12.9770, -9.4150

Complementary

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



196.9450, -33.6980, -6.0340



188.0550, 33.6980, 6.0340

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.



202.6960, 24.1630, -2.8850



196.9450, -33.6980, -6.0340



205.2100, 26.1320, 10.9960

Square

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



196.9450, -33.6980, -6.0340



204.2150, 1.3730, 13.6690



203.7770, 28.6090, 4.6490



198.6000, -2.2900, -13.5700

Rectangle

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



196.9450, -33.6980, -6.0340



201.4510, -20.0830, 6.0370



203.7770, 28.6090, 4.6490



201.5270, 17.1490, -7.9310

Sweetspot

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



196.9450, -33.6980, -6.0340



246.0850, -10.5450, -1.6250



199.5770, -21.8190, -28.5950



122.3520, -6.9230, -1.1870



0.0000, 0.0000, 0.0000



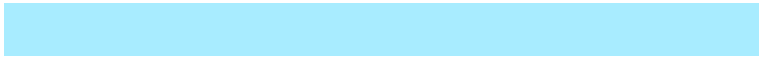
128.0000, -0.0000, -0.0000

Same Dimension

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



196.9450, -33.6980, -6.0340



217.8340, -46.6270, -8.5070



178.7480, -25.1730, 10.1790



107.5370, -6.0060, -1.2860



100.4830, -94.1710, -16.9150



27.7780, -25.8580, -4.9460

Inverse Universe

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



185.4230, 21.8190, 28.5950



201.7650, 30.0240, 39.5920



206.2520, 25.1730, -10.1790



105.3150, 3.6670, 5.1310



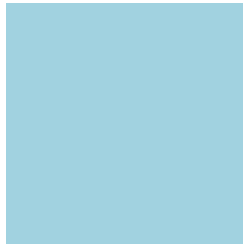
68.2420, 60.9190, 79.9190



18.6840, 16.4100, 21.9940

Previews

White Background



This preview shows how the YIQ color 196.9450, -33.6980, -6.0340 looks on a white background.

Color Contrast Check

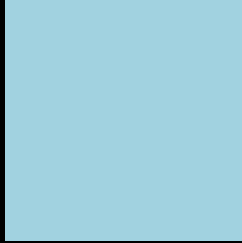
Large Text (above 18pt) WCAG AA × Fail

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 196.9450, -33.6980, -6.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

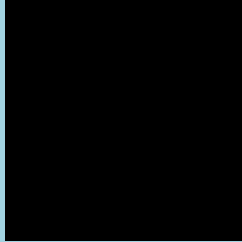
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.9450, -33.6980, -6.0340

Background



This preview shows how black text looks on a background with the YIQ color 196.9450, -33.6980, -6.0340.



This preview shows how white text looks on a background with the YIQ color 196.9450, -33.6980, -6.0340.

-6.0340.

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

196.9450, -33.6980, -6.0340

Protanopia

202.0520, -5.7780, 5.5980

Deuteranopia

203.4210, -2.2030, 12.3970



Tritanopia

197.4720, -33.7440, -5.2000

Trichromacy



Original Color

196.9450, -33.6980, -6.0340

Protanomaly

200.4420, -15.8640, 1.1600

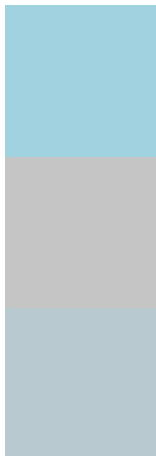
Deuteranomaly

201.1590, -13.3890, 5.8670

Tritanomaly

197.3580, -33.4230, -5.5110

Monochromacy



Original Color

196.9450, -33.6980, -6.0340

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1880, -12.3330, -2.2610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.9450, -33.6980, -6.0340 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(161, 210, 224)` looks like.

```
.text, #text, p{  
    color:rgb(161, 210, 224)  
}
```

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(161, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 210, 224) }
```

Border

The CSS property to change the border of an element to YIQ 196.9450, -33.6980, -6.0340 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(161, 210, 224) }
```


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

```
.border{ border-color:rgb(161, 210, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 210, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(161, 210,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 196.9450, -33.6980, -6.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 210, 224) }
```

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

```
.background{ background-color: rgb(161,  
210, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor