

Converting Colors

YIQ(196.6250, -30.9420,
-33.9660)

Have a look what the booklet for
YIQ(196.6250, -30.9420, -33.9660)
contains.

YIQ(196.6250, -30.9420, -33.9660)	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(196.6250, -30.9420,
-33.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	92E3AD
RGB	146, 227, 173
RGB Percent	57%, 89%, 68%
CMY	0.4277, 0.1097, 0.3216
CMYK	0.36, 0.00, 0.24, 0.11
HSL	140°, 59%, 73%
HSV	140°, 36%, 89%
XYZ	46.8630, 64.0788, 49.4232
YIQ	196.6250, -30.9420, -33.9660

Conversions

Conversions Part 2

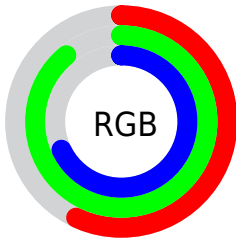
Format	Color
RYB	146, 207, 227
Decimal	9626541
CIELab	84.01, -36.06, 18.72
CIELCh	84, 40.630, 152.564
Yxy	64.0788, 0.2922, 0.3996
Android (android.graphics.Color)	4287816621 (0xFF92E3AD)
YUV	196.6250, -11.6471, -44.3981
Hunter-Lab	80.0492, -35.5873, 19.4282

Details

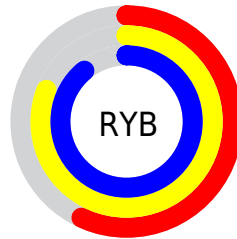
The YIQ color **196.6250, -30.9420, -33.9660** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **176.3750, 30.9420, 33.9660**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.1890, -23.2420, -19.3220**, and **141.5650, -30.7130, -32.6090** is the 20% darker color. If you saturate the color by 10%, you get **188.0380, -39.8350, -43.5070**, and if you desaturate by 10%, it is **205.2120, -22.0490, -24.4250**.

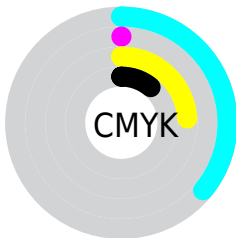
Distribution



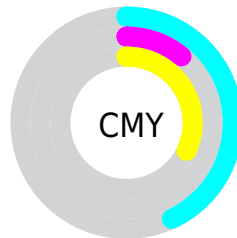
- Red (57%)
- Green (89%)
- Blue (68%)



- Red (57%)
- Yellow (81%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6250, -30.9420, -33.9660 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 196.6250, -30.9420, -33.9660 by changing the saturation by 10% instead.

■ 196.6250,
-30.9420, -33.9660

■ 196.6250,
-30.9420, -33.9660

■ 255.0000, -0.0000,
-0.0000

■ 169.0380,
-30.6670, -33.4430

■ 236.1890,
-23.2420, -19.3220

■ 141.5650,
-30.7130, -32.6090

■ 247.8240,
-14.3040, -5.0880

■ 114.7930,
-31.3550, -31.9870

■ 88.2380, -34.1060,
-31.6900

■ 60.1770, -41.3040,
-33.4000

■ 43.5810, -27.6420,
-27.6900

■ 27.3440, -13.6130,

-23.1250

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 196.6250,
-30.9420, -33.9660

■ 196.6250,
-30.9420, -33.9660

■ 188.0380,
-39.8350, -43.5070

■ 205.2120,
-22.0490, -24.4250

■ 179.7500,
-48.1320, -52.8360

■ 213.5000,
-13.7520, -15.0960

■ 171.1630,
-57.0250, -62.3770

■ 222.0870, -4.8590,
-5.5550

■ 162.4620,
-65.5970, -72.2290

■ 230.7880, 3.7130,
4.2970

■ 153.8750,
-74.4900, -81.7700

■ 237.8800, 9.6260,
12.7780

■ 145.5870,
-82.7870, -91.0990

■ 238.5640, 7.7000,
14.6440

■ 141.9130,
-86.8210, -95.0850

Harmonies

Analogous

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



202.9640, 7.7080, -29.5720



196.6250, -30.9420, -33.9660



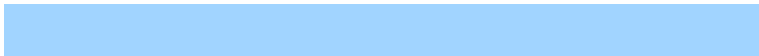
188.4800, -72.8940, -33.5820

Triad

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



196.6250, -30.9420, -33.9660



201.6530, -44.1990, 2.5610



203.6330, 46.8100, 10.6980

Complementary

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



196.6250, -30.9420, -33.9660



176.3750, 30.9420, 33.9660

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.



205.6170, 35.7120, 24.6080



196.6250, -30.9420, -33.9660



210.7770, -5.7810, 22.1790

Square

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



196.6250, -30.9420, -33.9660



189.8710, -83.5800, -16.1240



213.3570, 22.1850, 32.9770



207.0120, 52.4520, -3.4520

Rectangle

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



196.6250, -30.9420, -33.9660



183.9690, -96.1400, -30.7960



213.3570, 22.1850, 32.9770



203.8270, 43.5080, 15.4760

Sweetspot

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



196.6250, -30.9420, -33.9660



244.4620, -10.5890, -11.8450



209.6930, 9.9090, -30.9150



121.5490, -6.2800, -7.3360



0.0000, 0.0000, 0.0000



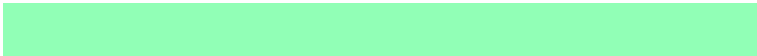
128.0000, -0.0000, -0.0000

Same Dimension

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



196.6250, -30.9420, -33.9660



213.7880, -42.1270, -46.0230



201.2990, -44.1030, -21.2150



110.5000, -4.5840, -5.0320



111.9130, -68.4850, -74.9570



31.8750, -19.4820, -21.3860

Inverse Universe

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



176.3750, 30.9420, 33.9660



186.2120, 42.1270, 46.0230



171.7010, 44.1030, 21.2150



107.5000, 4.5840, 5.0320



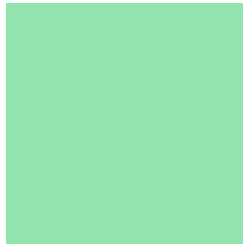
67.0870, 68.4850, 74.9570



19.1250, 19.4820, 21.3860

Previews

White Background



This preview shows how the YIQ color 196.6250, -30.9420, -33.9660 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 196.6250, -30.9420, -33.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

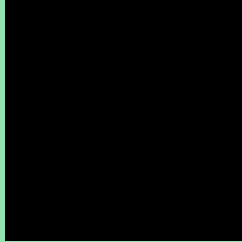
Any Text WCAG AA ✓ Pass

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 196.6250, -30.9420, -33.9660 Background



This preview shows how black text looks on a background with the YIQ color 196.6250, -30.9420, -33.9660.



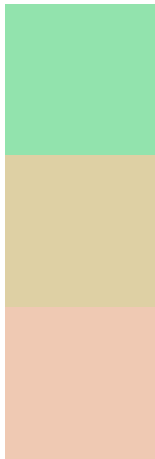
This preview shows how white text looks on a background with the YIQ color 196.6250, -30.9420, -33.9660.

-33.9660.

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

196.6250, -30.9420, -33.9660

Protanopia

207.1700, 22.4680, -10.7160

Deuteranopia

209.8540, 29.7100, 1.2140



Tritanopia

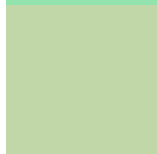
202.9980, -41.2170, -7.4330

Trichromacy



Original Color

196.6250, -30.9420, -33.9660



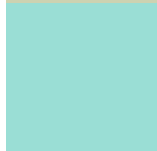
Protanomaly

203.2490, 2.8920, -19.3800



Deuteranomaly

204.7430, 7.6130, -11.3230



Tritanomaly

200.6420, -37.6390, -17.2150

Monochromacy



Original Color

196.6250, -30.9420, -33.9660



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

196.7500, -11.4600, -12.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6250, -30.9420, -33.9660 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(146, 227, 173)` looks like.

```
.text, #text, p{  
    color:rgb(146, 227, 173)  
}
```

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(146, 227, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 227, 173) }
```

Border

The CSS property to change the border of an element to YIQ 196.6250, -30.9420, -33.9660 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(146, 227, 173) }
```


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

```
.border{ border-color:rgb(146, 227, 173) }
```

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

Here you see how a box with a 4 pixel rgb(146, 227, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 227, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 227, 173);  
box-shadow:4px 4px 4px 4px rgb(146, 227,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6250, -30.9420, -33.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 227, 173) }
```

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

```
.background{ background-color: rgb(146,  
227, 173) }
```

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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