

Converting Colors

YIQ(187.1810, -11.5960,
-21.1320)

Have a look what the booklet for
YIQ(187.1810, -11.5960, -21.1320)
contains.

YIQ(187.1810, -11.5960, -21.1320)	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(187.1810, -11.5960,
-21.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	A3CCA4
RGB	163, 204, 164
RGB Percent	64%, 80%, 64%
CMY	0.3609, 0.1999, 0.3569
CMYK	0.20, 0.00, 0.20, 0.20
HSL	122°, 29%, 72%
HSV	122°, 20%, 80%
XYZ	43.3953, 53.6573, 43.1899
YIQ	187.1810, -11.5960, -21.1320

Conversions

Conversions Part 2

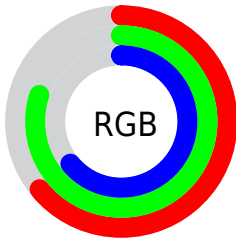
Format	Color
RYB	163, 203, 204
Decimal	10734756
CIELab	78.26, -21.29, 15.57
CIELCh	78, 26.376, 143.822
Yxy	53.6573, 0.3094, 0.3826
Android (android.graphics.Color)	4288924836 (0xFFA3CCA4)
YUV	187.1810, -11.4282, -21.2067
Hunter-Lab	73.2511, -22.4429, 16.3176

Details

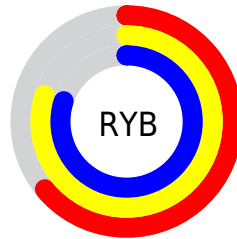
The YIQ color **187.1810, -11.5960, -21.1320** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179.8190, 11.5960, 21.1320**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.8330, -10.4960, -19.0400**, and **134.0070, -11.0460, -20.0860** is the 20% darker color. If you saturate the color by 10%, you get **178.9210, -17.0960, -31.5920**, and if you desaturate by 10%, it is **195.4410, -6.0960, -10.6720**.

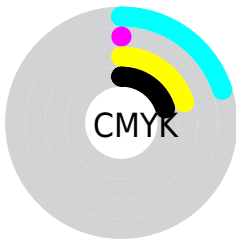
Distribution



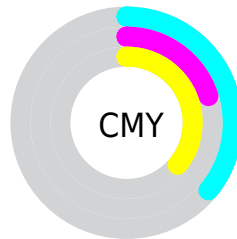
- Red (64%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1810, -11.5960, -21.1320 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 187.1810, -11.5960, -21.1320 by changing the saturation by 10% instead.

■ 187.1810,
-11.5960, -21.1320

■ 187.1810,
-11.5960, -21.1320

■ 255.0000, -0.0000,
-0.0000

■ 159.7080,
-11.6420, -20.2980

■ 239.8330,
-10.4960, -19.0400

■ 134.0070,
-11.0460, -20.0860

■ 251.8100, -2.5210,
-3.8730

■ 108.5340,
-11.0920, -19.2520

■ 83.6480, -11.4130,
-18.9410

■ 60.1750, -11.4590,
-18.1070

■ 37.1040, -12.6970,
-17.6970

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 187.1810,
-11.5960, -21.1320

■ 187.1810,
-11.5960, -21.1320

■ 178.9210,
-17.0960, -31.5920

■ 195.4410, -6.0960,
-10.6720

■ 170.3620,
-23.1920, -42.2640

■ 204.0000, -0.0000,
-0.0000

■ 162.1020,
-28.6920, -52.7240

■ 212.2600, 5.5000,
10.4600

■ 153.5430,
-34.7880, -63.3960

■ 220.8190, 11.5960,
21.1320

■ 145.3970,
-40.6090, -73.5450

■ 225.0630, 14.0250,
26.6730

■ 137.1370,
-46.1090, -84.0050

■ 128.5780,
-52.2050, -94.6770

■ 120.3180,
-57.7050, -105.1370

Harmonies

Analogous

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



190.2070, 11.8780, -17.0340



187.1810, -11.5960, -21.1320



183.7900, -35.3000, -21.0600

Triad

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



187.1810, -11.5960, -21.1320



190.1700, -38.2850, 5.5150



196.8050, 40.5740, 13.5820

Complementary

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



187.1810, -11.5960, -21.1320



179.8190, 11.5960, 21.1320

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.



197.5730, 29.8440, 20.8200



187.1810, -11.5960, -21.1320



195.1840, -14.5370, 15.6630

Square

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



187.1810, -11.5960, -21.1320



185.0660, -53.0920, -6.9800



197.4490, 9.7620, 21.3300



194.7690, 40.2550, 2.8390

Rectangle

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



187.1810, -11.5960, -21.1320



182.4390, -47.3130, -18.1050



197.4490, 9.7620, 21.3300



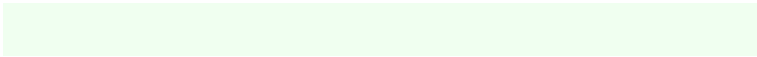
197.1300, 38.2810, 16.5930

Sweetspot

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



187.1810, -11.5960, -21.1320



248.8050, -4.1250, -7.8450



199.0270, 12.5650, -12.9630



124.2830, -2.4750, -4.7070



0.0000, 0.0000, 0.0000



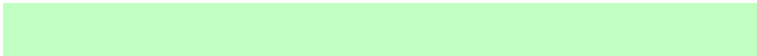
128.0000, -0.0000, -0.0000

Same Dimension

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



187.1810, -11.5960, -21.1320



229.9210, -17.0960, -31.5920



189.4610, -18.0160, -14.9120



97.8700, -2.7500, -5.2300



97.8980, -46.9340, -85.5740



22.4200, -10.7710, -19.5630

Inverse Universe

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



179.8190, 11.5960, 21.1320



218.9650, 17.4170, 31.2810



177.5390, 18.0160, 14.9120



96.1300, 2.7500, 5.2300



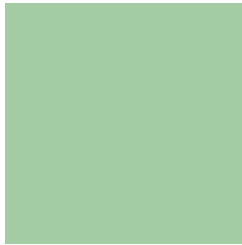
68.1020, 46.9340, 85.5740



15.5800, 10.7710, 19.5630

Previews

White Background



This preview shows how the YIQ color 187.1810, -11.5960, -21.1320 looks on a white background.

Color Contrast Check

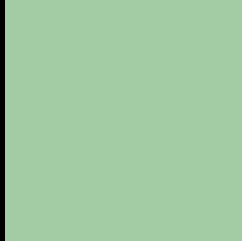
Large Text (above 18pt) WCAG AA × Fail

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 187.1810, -11.5960, -21.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

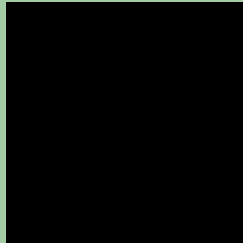
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

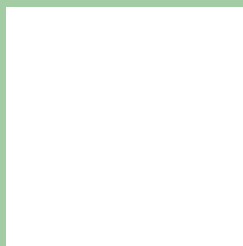
Any Text WCAG AAA ✓ Pass

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

YIQ 187.1810, -11.5960, -21.1320 Background



This preview shows how black text looks on a background with the YIQ color 187.1810, -11.5960, -21.1320.



This preview shows how white text looks on a background with the YIQ color 187.1810, -11.5960, -21.1320.

-21.1320.

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

187.1810, -11.5960, -21.1320

Protanopia

192.2990, 17.7910, -8.5530

Deuteranopia

194.4130, 26.6380, 1.8220



Tritanopia

191.0500, -20.6320, -0.5360

Trichromacy



Original Color

187.1810, -11.5960, -21.1320

Protanomaly

190.3900, 7.1090, -13.2030

Deuteranomaly

192.1290, 12.5180, -6.6020

Tritanomaly

189.8620, -17.4670, -8.3390

Monochromacy



Original Color

187.1810, -11.5960, -21.1320

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9190, -4.4460, -7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1810, -11.5960, -21.1320 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(163, 204, 164)` looks like.

```
.text, #text, p{  
    color:rgb(163, 204, 164)  
}
```

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(163, 204, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 204, 164) }
```

Border

The CSS property to change the border of an element to YIQ 187.1810, -11.5960, -21.1320 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(163, 204, 164) }
```


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

```
.border{ border-color:rgb(163, 204, 164) }
```

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

Here you see how a box with a 4 pixel rgb(163, 204, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 204, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 204, 164);  
box-shadow:4px 4px 4px 4px rgb(163, 204,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1810, -11.5960, -21.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 204, 164) }
```

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

```
.background{ background-color: rgb(163,  
204, 164) }
```

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