

Converting Colors

YIQ(178.1810, -11.5960,
-21.1320)

Have a look what the booklet for
YIQ(178.1810, -11.5960, -21.1320)
contains.

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Color

**YIQ(178.1810, -11.5960,
-21.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC39B
RGB	154, 195, 155
RGB Percent	60%, 76%, 61%
CMY	0.3962, 0.2352, 0.3922
CMYK	0.21, 0.00, 0.21, 0.24
HSL	122°, 25%, 68%
HSV	122°, 21%, 76%
XYZ	38.7555, 48.2713, 38.2833
YIQ	178.1810, -11.5960, -21.1320

Conversions

Conversions Part 2

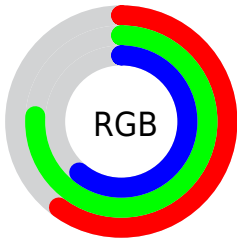
Format	Color
RYB	154, 194, 195
Decimal	10142619
CIELab	75.00, -21.46, 15.73
CIElCh	75, 26.603, 143.755
Yxy	48.2713, 0.3093, 0.3852
Android (android.graphics.Color)	4288332699 (0xFF9AC39B)
YUV	178.1810, -11.4282, -21.2067
Hunter-Lab	69.4775, -22.0160, 15.9645

Details

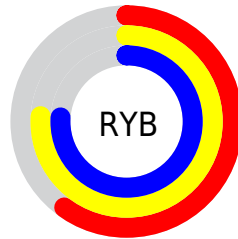
The YIQ color **178.1810, -11.5960, -21.1320** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.8190, 11.5960, 21.1320**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.3550, -12.1460, -22.1780**, and **125.1210, -11.3670, -19.7750** is the 20% darker color. If you saturate the color by 10%, you get **170.0350, -17.4170, -31.2810**, and if you desaturate by 10%, it is **186.0280, -6.3710, -11.1950**.

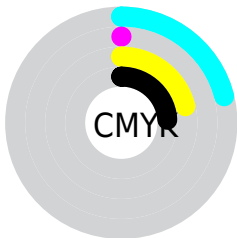
Distribution



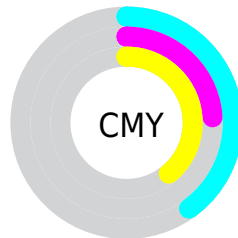
- Red (60%)
- Green (76%)
- Blue (61%)



- Red (60%)
- Yellow (76%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (40%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1810, -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 178.1810, -11.5960, -21.1320 by changing the saturation by 10% instead.

■ 178.1810,
-11.5960, -21.1320

■ 178.1810,
-11.5960, -21.1320

■ 255.0000, -0.0000,
-0.0000

■ 151.5940,
-11.3210, -20.6090

■ 234.3550,
-12.1460, -22.1780

■ 125.1210,
-11.3670, -19.7750

■ 247.6800, -5.2710,
-9.1030

■ 100.2350,
-11.6880, -19.4640

■ 75.6480, -11.4130,
-18.9410

■ 52.2890, -11.7800,
-17.7960

■ 29.1040, -12.6970,
-17.6970

■ 15.2620, -7.1500,

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 178.1810,
-11.5960, -21.1320

■ 178.1810,
-11.5960, -21.1320

■ 170.0350,
-17.4170, -31.2810

■ 186.0280, -6.3710,
-11.1950

■ 162.1880,
-22.6420, -41.2180

■ 194.1740, -0.5500,
-1.0460

■ 154.0420,
-28.4630, -51.3670

■ 202.0210, 4.6750,
8.8910

■ 146.1950,
-33.6880, -61.3040

■ 210.1670, 10.4960,
19.0400

■ 138.0490,
-39.5090, -71.4530

■ 218.0140, 15.7210,
28.9770

■ 130.2020,
-44.7340, -81.3900

■ 219.7800, 16.5000,
31.3800

■ 122.0560,
-50.5550, -91.5390

■ 115.0350,
-55.2300, -100.4300

Harmonies

Analogous

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



181.2070, 11.8780, -17.0340



178.1810, -11.5960, -21.1320



174.7900, -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.



178.1810, -11.5960, -21.1320



180.8710, -38.8810, 5.3030



187.8050, 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.



178.1810, -11.5960, -21.1320



170.8190, 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.



188.5730, 29.8440, 20.8200



178.1810, -11.5960, -21.1320



186.1840, -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.



178.1810, -11.5960, -21.1320



175.7670, -53.6880, -7.1920



188.4490, 9.7620, 21.3300



185.7690, 40.2550, 2.8390

Rectangle

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



178.1810, -11.5960, -21.1320



173.1400, -47.9090, -18.3170



188.4490, 9.7620, 21.3300



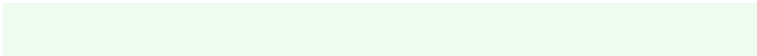
188.1300, 38.2810, 16.5930

Sweetspot

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



178.1810, -11.5960, -21.1320



245.9190, -4.4460, -7.5340



190.0270, 12.5650, -12.9630



124.2830, -2.4750, -4.7070



0.0000, 0.0000, 0.0000



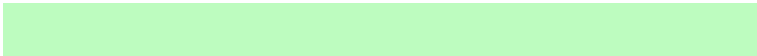
128.0000, -0.0000, -0.0000

Same Dimension

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



178.1810, -11.5960, -21.1320



226.2090, -17.9670, -32.3270



180.4610, -18.0160, -14.9120



92.8700, -2.7500, -5.2300



94.9630, -45.5590, -82.9590



19.4850, -9.3960, -16.9480

Inverse Universe

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



170.8190, 11.5960, 21.1320



214.9050, 17.6460, 32.6380



168.5390, 18.0160, 14.9120



91.1300, 2.7500, 5.2300



66.0370, 45.5590, 82.9590



13.5150, 9.3960, 16.9480

Previews

White Background



This preview shows how the YIQ color 178.1810, -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 178.1810, -11.5960, -21.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

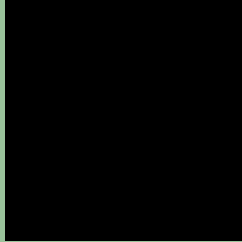
Any Text WCAG AA ✓ Pass

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 178.1810, -11.5960, -21.1320 Background



This preview shows how black text looks on a background with the YIQ color 178.1810, -11.5960, -21.1320.



This preview shows how white text looks on a background with the YIQ color 178.1810, -11.5960,

-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

178.1810, -11.5960, -21.1320

Protanopia

183.4130, 17.4700, -8.2420

Deuteranopia

185.1140, 26.0420, 1.6100



Tritanopia

181.9360, -20.3110, -0.8470

Trichromacy



Original Color

178.1810, -11.5960, -21.1320

Protanomaly

181.5040, 6.7880, -12.8920

Deuteranomaly

182.8300, 11.9220, -6.8140

Tritanomaly

180.8620, -17.4670, -8.3390

Monochromacy



Original Color

178.1810, -11.5960, -21.1320

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.9190, -4.4460, -7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1810, -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(154, 195, 155)` looks like.

```
.text, #text, p{  
    color:rgb(154, 195, 155)  
}
```

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(154, 195, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 195, 155) }
```

Border

The CSS property to change the border of an element to YIQ 178.1810, -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(154, 195, 155) }
```


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

```
.border{ border-color:rgb(154, 195, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 195, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 195, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 195, 155);  
box-shadow:4px 4px 4px 4px rgb(154, 195,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1810, -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(154, 195, 155) }
```

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

```
.background{ background-color: rgb(154,  
195, 155) }
```

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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