

Converting Colors

YIQ(181.2170, 5.9180, -19.1540)

Have a look what the booklet for
YIQ(181.2170, 5.9180, -19.1540)
contains.

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Color

**YIQ(181.2170, 5.9180,
-19.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC08E
RGB	175, 192, 142
RGB Percent	69%, 75%, 56%
CMY	0.3138, 0.2470, 0.4431
CMYK	0.09, 0.00, 0.26, 0.25
HSL	80°, 28%, 65%
HSV	80°, 26%, 75%
XYZ	41.4100, 48.7677, 32.8280
YIQ	181.2170, 5.9180, -19.1540

Conversions

Conversions Part 2

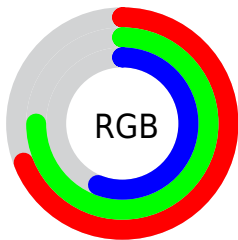
Format	Color
RYB	142, 192, 159
Decimal	11518094
CIELab	75.31, -14.52, 23.32
CIELCh	75, 27.466, 121.906
Yxy	48.7677, 0.3367, 0.3965
Android (android.graphics.Color)	4289708174 (0xFFAFC08E)
YUV	181.2170, -19.3340, -5.4523
Hunter-Lab	69.8339, -16.3626, 21.0122

Details

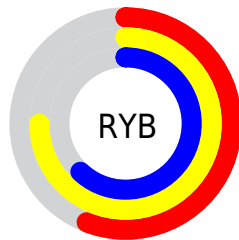
The YIQ color **181.2170, 5.9180, -19.1540** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **152.7830, -5.9180, 19.1540**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9890, 6.5600, -19.7760**, and **128.4450, 5.2760, -18.5320** is the 20% darker color. If you saturate the color by 10%, you get **176.9580, 7.8450, -26.5470**, and if you desaturate by 10%, it is **185.4760, 3.9910, -11.7610**.

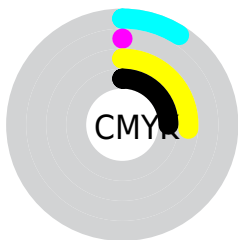
Distribution



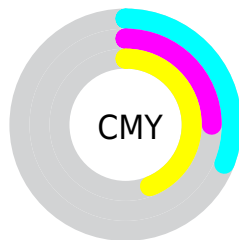
- Red (69%)
- Green (75%)
- Blue (56%)



- Red (56%)
- Yellow (75%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.2170, 5.9180, -19.1540 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 181.2170, 5.9180, -19.1540 by changing the saturation by 10% instead.

■ 181.2170, 5.9180,
-19.1540

■ 181.2170, 5.9180,
-19.1540

■ 255.0000, -0.0000,
-0.0000

■ 154.3310, 5.5970,
-18.8430

■ 236.9890, 6.5600,
-19.7760

■ 128.4450, 5.2760,
-18.5320

■ 251.4660, 9.9510,
-9.6410

■ 102.9720, 5.2300,
-17.6980

■ 254.7720, 0.6420,
-0.6220

■ 78.9010, 3.9920,
-17.2880

■ 55.4280, 3.9460,
-16.4540

■ 33.6130, 4.8630,
-16.5530

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 181.2170, 5.9180,
-19.1540

■ 181.2170, 5.9180,
-19.1540

■ 176.9580, 7.8450,
-26.5470

■ 185.4760, 3.9910,
-11.7610

■ 172.9980, 10.3680,
-33.7280

■ 189.4360, 1.4680,
-4.5800

■ 168.6250, 12.6160,
-41.4320

■ 193.8090, -0.7800,
3.1240

■ 164.6650, 15.1390,
-48.6130

■ 197.7690, -3.3030,
10.3050

■ 160.4060, 17.0660,
-56.0060

■ 202.0280, -5.2300,
17.6980

■ 156.4460, 19.5890,
-63.1870

■ 205.7600, -7.1110,
24.2570

■ 152.1870, 21.5160,
-70.5800

■ 207.8530, -2.9390,
25.7410

■ 150.6770, 22.8920,
-73.4920

■ 209.6470, 0.6370,
27.0130

■ 211.7400, 4.8090,
28.4970

Harmonies

Analogous

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



183.7960, 26.4570, -11.4230



181.2170, 5.9180, -19.1540



177.6470, -18.8400, -22.0080

Triad

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



181.2170, 5.9180, -19.1540



177.0600, -52.9550, -3.9550



189.3840, 34.7500, 20.0140

Complementary

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



181.2170, 5.9180, -19.1540



152.7830, -5.9180, 19.1540

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.



189.7980, 16.0890, 22.3050



181.2170, 5.9180, -19.1540



183.3170, -34.2050, 8.6670

Square

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



181.2170, 5.9180, -19.1540



173.7570, -56.8960, -15.1360



187.8860, -7.7060, 18.5180



188.0070, 42.8210, 11.4050

Rectangle

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



181.2170, 5.9180, -19.1540



175.2630, -35.2540, -21.8940



187.8860, -7.7060, 18.5180



189.6870, 29.5230, 21.1310

Sweetspot

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



181.2170, 5.9180, -19.1540



245.6270, 2.2480, -7.7040



166.9290, 25.1250, 1.7090



122.3220, 1.7890, -4.8910



252.0000, 0.0000, 0.0000



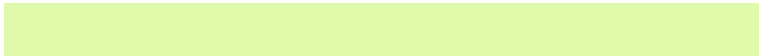
125.0000, 0.0000, 0.0000

Same Dimension

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



181.2170, 5.9180, -19.1540



233.3340, 9.5420, -29.7700



173.7420, -8.9820, -24.4540



94.9630, 1.4220, -3.7460



126.2010, 18.9010, -61.7310



25.9490, 4.0370, -12.5950

Inverse Universe

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



152.7830, -5.9180, 19.1540



188.9650, -8.9460, 29.9820



160.2580, 8.9820, 24.4540



89.3360, -0.8260, 3.9580



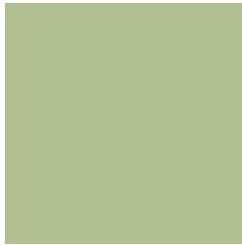
34.7990, -18.9010, 61.7310



7.0510, -4.0370, 12.5950

Previews

White Background



This preview shows how the YIQ color 181.2170, 5.9180, -19.1540 looks on a white background.

Color Contrast Check

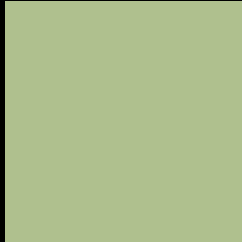
Large Text (above 18pt) WCAG AA × Fail

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 181.2170, 5.9180, -19.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

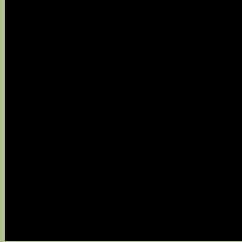
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.2170, 5.9180, -19.1540

Background



This preview shows how black text looks on a background with the YIQ color 181.2170, 5.9180, -19.1540.



This preview shows how white text looks on a background with the YIQ color 181.2170, 5.9180,

-19.1540.

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

181.2170, 5.9180, -19.1540

Protanopia

183.6430, 22.5140, -11.5500

Deuteranopia

185.8990, 33.8370, -1.9950



Tritanopia

185.9980, -5.6860, 3.9300

Trichromacy



Original Color

181.2170, 5.9180, -19.1540

Protanomaly

183.1260, 16.6000, -14.5040

Deuteranomaly

184.2350, 23.8430, -8.1010

Tritanomaly

184.4680, -1.5580, -4.8060

Monochromacy



Original Color

181.2170, 5.9180, -19.1540

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.1540, 2.2020, -6.8700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2170, 5.9180, -19.1540 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(175, 192, 142)` looks like.

```
.text, #text, p{  
    color:rgb(175, 192, 142)  
}
```

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(175, 192, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 192, 142) }
```

Border

The CSS property to change the border of an element to YIQ 181.2170, 5.9180, -19.1540 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(175, 192, 142) }
```


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

```
.border{ border-color:rgb(175, 192, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 192, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 192, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 192, 142);  
box-shadow:4px 4px 4px 4px rgb(175, 192,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2170, 5.9180, -19.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 192, 142) }
```

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

```
.background{ background-color: rgb(175,  
192, 142) }
```

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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