

Converting Colors

YIQ(198.4170, -5.5480, 1.4280)

Have a look what the booklet for
YIQ(198.4170, -5.5480, 1.4280)
contains.

YIQ(198.4170, -5.5480, 1.4280)	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(198.4170, -5.5480,
1.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C7CF
RGB	194, 199, 207
RGB Percent	76%, 78%, 81%
CMY	0.2392, 0.2196, 0.1883
CMYK	0.06, 0.04, 0.00, 0.19
HSL	217°, 12%, 79%
HSV	217°, 6%, 81%
XYZ	53.9332, 56.8216, 67.1519
YIQ	198.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

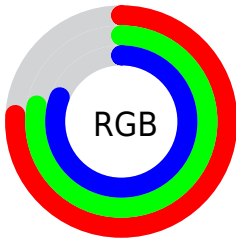
Format	Color
RYB	194, 198, 207
Decimal	12765135
CIELab	80.08, -0.19, -4.59
CIELCh	80, 4.591, 267.638
Yxy	56.8216, 0.3032, 0.3194
Android (android.graphics.Color)	4290955215 (0xFFC2C7CF)
YUV	198.4170, 4.2314, -3.8737
Hunter-Lab	75.3801, -4.2014, -0.0521

Details

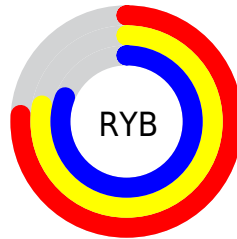
The YIQ color $198.4170, -5.5480, 1.4280$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.5830, 5.5480, -1.4280$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, -2.9800, -1.0600$, and $144.4170, -5.5480, 1.4280$ is the 20% darker color. If you saturate the color by 10%, you get $184.5070, -14.4890, 3.7750$, and if you desaturate by 10%, it is $212.3270, 3.3930, -0.9190$.

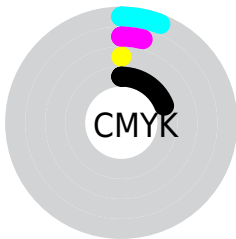
Distribution



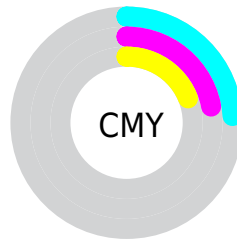
- Red (76%)
- Green (78%)
- Blue (81%)



- Red (76%)
- Yellow (78%)
- Blue (81%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4170, -5.5480, 1.4280 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 198.4170, -5.5480, 1.4280 by changing the saturation by 10% instead.

■ 198.4170, -5.5480,
1.4280

■ 198.4170, -5.5480,
1.4280

■ 255.0000, -0.0000,
-0.0000

■ 171.3030, -5.2270,
1.1170

■ 253.5050, -2.9800,
-1.0600

■ 144.4170, -5.5480,
1.4280

■ 119.3030, -5.2270,
1.1170

■ 94.3030, -5.2270,
1.1170

■ 70.6020, -4.6310,
1.3290

■ 48.4880, -4.3100,
1.0180

■ 27.4880, -4.3100,

1.0180

■ 1.8410, -3.8060,
2.8980

■ 0.0000, 0.0000,
0.0000

■ 198.4170, -5.5480,
1.4280

■ 198.4170, -5.5480,
1.4280

■ 184.5070,
-14.4890, 3.7750

■ 212.3270, 3.3930,
-0.9190

■ 171.4830,
-23.1090, 5.8110

■ 225.3510, 12.0130,
-2.9550

■ 157.5730,
-32.0500, 8.1580

■ 238.9620, 20.3580,
-5.5140

■ 143.6630,
-40.9910, 10.5050

■ 246.5930, 16.7830,
-12.3130

■ 130.0520,
-49.3360, 13.0640

■ 249.5280, 15.4080,
-14.9280

■ 116.7290,
-58.5520, 14.8880

■ 102.8190,
-67.4930, 17.2350

■ 88.9090, -76.4340,
19.5820

■ 75.2980, -84.7790,
22.1410

Harmonies

Analogous

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



197.6940, -7.8860, -0.2540



198.4170, -5.5480, 1.4280



199.2110, -1.9720, 2.7000

Triad

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



198.4170, -5.5480, 1.4280



199.4740, 7.4730, 2.2330



197.8100, -2.5210, -3.8730

Complementary

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



198.4170, -5.5480, 1.4280



202.5830, 5.5480, -1.4280

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.



198.3760, 1.6970, -3.2230



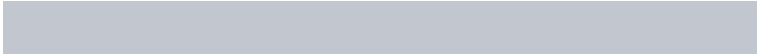
198.4170, -5.5480, 1.4280



199.3060, 7.8860, 0.2540

Square

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



198.4170, -5.5480, 1.4280



199.6310, 5.5930, 3.2650



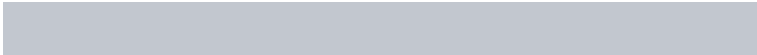
198.5830, 5.5480, -1.4280



197.0700, -6.1890, -3.4770

Rectangle

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



198.4170, -5.5480, 1.4280



199.5920, 1.3290, 3.4490



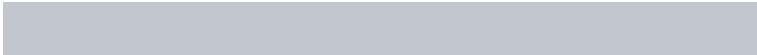
198.5830, 5.5480, -1.4280



197.4080, -1.3290, -3.4490

Sweetspot

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



198.4170, -5.5480, 1.4280



251.7440, -2.1550, 0.5090



202.5430, -6.1430, -4.3110



125.9290, -1.2380, 0.4100



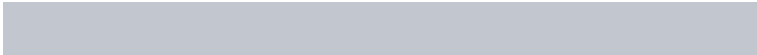
0.0000, 0.0000, 0.0000



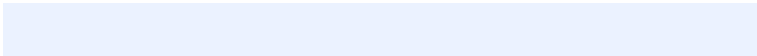
128.0000, -0.0000, -0.0000

Same Dimension

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



198.4170, -5.5480, 1.4280



241.3890, -8.3450, 2.5590



195.7810, -3.5770, 4.2550



97.6020, -4.6310, 1.3290



57.3070, -71.8030, 18.2530



14.0660, -17.5610, 4.3830

Inverse Universe

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



198.4570, 6.1430, 4.3110



241.7780, 9.6730, 6.4170



205.2190, 3.5770, -4.2550



97.7450, 5.2720, 3.5760



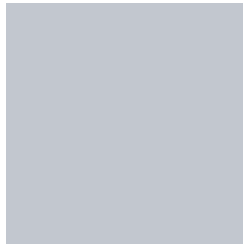
57.6420, 79.2630, 55.8310



14.0830, 19.3000, 13.6680

Previews

White Background



This preview shows how the YIQ color 198.4170, -5.5480, 1.4280 looks on a white background.

Color Contrast Check

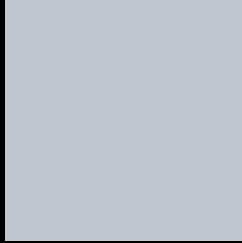
Large Text (above 18pt) WCAG AA × Fail

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 198.4170, -5.5480, 1.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

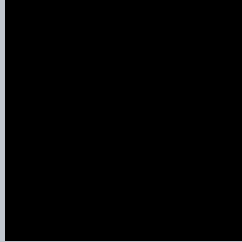
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

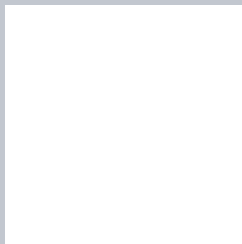
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.4170, -5.5480, 1.4280

Background



This preview shows how black text looks on a background with the YIQ color 198.4170, -5.5480, 1.4280.



This preview shows how white text looks on a background with the YIQ color 198.4170, -5.5480,

1.4280.

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

198.4170, -5.5480, 1.4280

Protanopia

198.9230, -1.1010, 3.4350

Deuteranopia

200.6900, 7.1050, 8.9050



Tritanopia

198.9270, -6.9240, 4.3400

Trichromacy



Original Color

198.4170, -5.5480, 1.4280

Protanomaly

198.9120, -2.5680, 2.4880

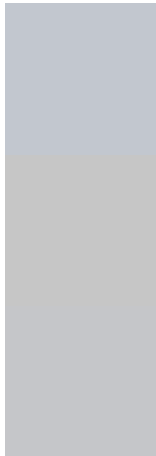
Deuteranomaly

199.7710, 2.3830, 6.3750

Tritanomaly

198.5850, -5.9610, 3.4070

Monochromacy



Original Color

198.4170, -5.5480, 1.4280

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4170, -5.5480, 1.4280 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(194, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 207)  
}
```

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(194, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 207) }
```

Border

The CSS property to change the border of an element to YIQ 198.4170, -5.5480, 1.4280 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(194, 199, 207) }
```


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

```
.border{ border-color:rgb(194, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 199, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 199, 207); box-shadow:4px 4px 4px 4px rgb(194, 199, 207) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4170, -5.5480, 1.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 207) }
```

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

```
.background{ background-color: rgb(194,  
199, 207) }
```

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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