

Converting Colors

YIQ(198.4190, -43.4200, 4.9640)

Have a look what the booklet for
YIQ(198.4190, -43.4200, 4.9640)
contains.

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Color

**YIQ(198.4190, -43.4200,
4.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CFFF
RGB	160, 207, 255
RGB Percent	63%, 81%, 100%
CMY	0.3726, 0.1881, 0.0002
CMYK	0.37, 0.19, 0.00, 0.00
HSL	210°, 100%, 81%
HSV	210°, 37%, 100%
XYZ	54.8521, 59.3233, 103.1222
YIQ	198.4190, -43.4200, 4.9640

Conversions

Conversions Part 2

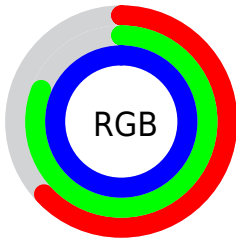
Format	Color
R _Y B	160, 191, 255
Decimal	10539007
CIE Lab	81.47, -3.84, -28.36
CIE LCh	81, 28.618, 262.284
Yxy	59.3233, 0.2524, 0.2730
Android (android.graphics.Color)	4288729087 (0xFFA0CFFF)
YUV	198.4190, 27.8944, -33.6935
Hunter-Lab	77.0216, -7.6664, -25.4667

Details

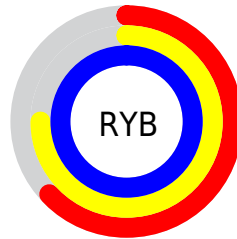
The YIQ color **198.4190, -43.4200, 4.9640** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **216.5810, 43.4200, -4.9640**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.6380, -22.6480, -8.0560**, and **143.7780, -43.0530, 3.8190** is the 20% darker color. If you saturate the color by 10%, you get **183.0140, -55.3410, 6.2510**, and if you desaturate by 10%, it is **213.5250, -32.0950, 3.4650**.

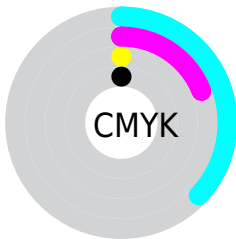
Distribution



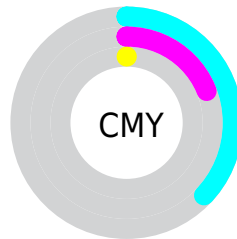
- Red (63%)
- Green (81%)
- Blue (100%)



- Red (63%)
- Yellow (75%)
- Blue (100%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4190, -43.4200, 4.9640 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 198.4190, -43.4200, 4.9640 by changing the saturation by 10% instead.

■ 198.4190,
-43.4200, 4.9640

■ 198.4190,
-43.4200, 4.9640

■ 255.0000, -0.0000,
-0.0000

■ 170.8920,
-43.3740, 4.1300

■ 243.6380,
-22.6480, -8.0560

■ 143.7780,
-43.0530, 3.8190

■ 252.3090, -5.3640,
-1.9080

■ 117.0660,
-43.9240, 3.0840

■ 90.6420, -45.6660,
1.6140

■ 62.5270, -52.7720,
-1.7640

■ 43.4740, -45.2530,
-0.3650

■ 27.9380, -31.8200,

3.9880

■ 12.4020, -18.3870,
8.3410

■ 3.5510, -8.6210,
7.5630

■ 198.4190,
-43.4200, 4.9640

■ 198.4190,
-43.4200, 4.9640

■ 183.0140,
-55.3410, 6.2510

■ 213.5250,
-32.0950, 3.4650

■ 167.9080,
-66.6660, 7.7500

■ 228.9300,
-20.1740, 2.1780

■ 152.5030,
-78.5870, 9.0370

■ 244.0360, -8.8490,
0.6790

■ 137.9840,
-90.1870, 10.0130

■ 255.0000, -0.0000,
-0.0000

■ 122.8780,
-101.5120, 11.5120

■ 107.4730,
-113.4330, 12.7990

■ 103.0320,
-116.5050, 13.4070

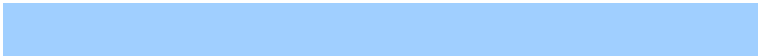
Harmonies

Analogous

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



192.6030, -59.0980, -8.2660



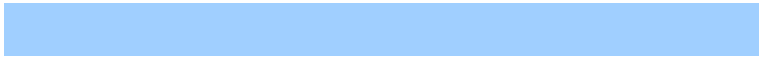
198.4190, -43.4200, 4.9640



203.8570, -17.9300, 16.5820

Triad

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



198.4190, -43.4200, 4.9640



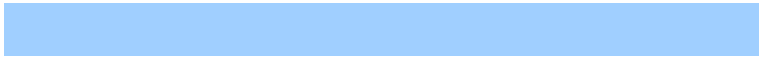
205.1150, 42.6370, 14.7410



195.7140, -11.7790, -23.3230

Complementary

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



198.4190, -43.4200, 4.9640



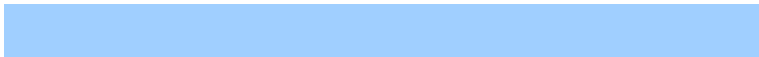
216.5810, 43.4200, -4.9640

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.



198.9360, 14.0790, -18.3770



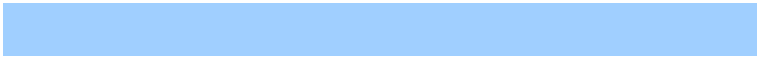
198.4190, -43.4200, 4.9640



204.3350, 44.4730, 3.4890

Square

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



198.4190, -43.4200, 4.9640



206.9970, 31.5860, 22.2900



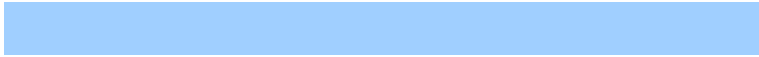
201.7970, 33.8840, -8.3560



191.9530, -37.3170, -23.0530

Rectangle

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



198.4190, -43.4200, 4.9640



206.0720, 0.6380, 21.4860



201.7970, 33.8840, -8.3560



197.0310, -2.4260, -22.1220

Sweetspot

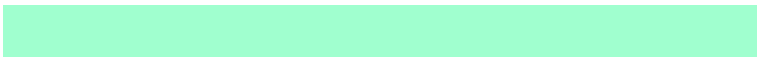
The Sweet Spot groups the original color and five complimentary colors.



198.4190, -43.4200, 4.9640



238.4100, -12.8380, 1.3860



221.1230, -41.2120, -35.0680



117.6340, -7.6570, 1.1030



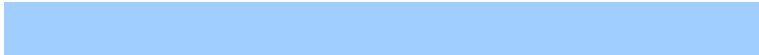
0.0000, 0.0000, 0.0000



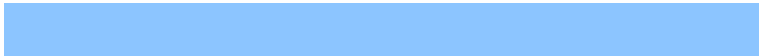
128.0000, -0.0000, -0.0000

Same Dimension

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



198.4190, -43.4200, 4.9640



186.5690, -52.5900, 5.9540



170.8300, -30.4950, 29.5450



120.0040, -5.8230, 0.9050



77.5390, -87.4360, 9.7160



26.0800, -29.3440, 3.1680

Inverse Universe

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



193.7630, 41.5330, 34.7570



180.8830, 50.2430, 42.1070



244.1700, 30.4950, -29.5450



119.5710, 5.8220, 4.6220



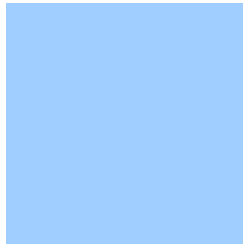
67.9390, 83.3410, 70.0370



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 198.4190, -43.4200, 4.9640 looks on a white background.

Color Contrast Check

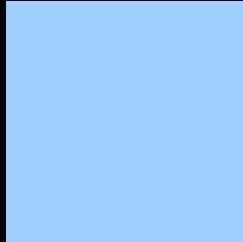
Large Text (above 18pt) WCAG AA × Fail

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 198.4190, -43.4200, 4.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

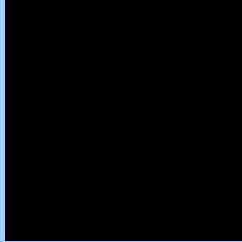
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

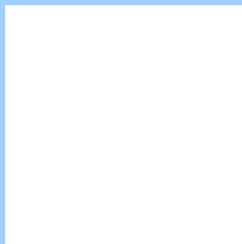
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.4190, -43.4200, 4.9640

Background



This preview shows how black text looks on a background with the YIQ color 198.4190, -43.4200, 4.9640.



This preview shows how white text looks on a background with the YIQ color 198.4190, -43.4200,

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

198.4190, -43.4200, 4.9640

Protanopia

202.7100, -22.0100, 13.4300

Deuteranopia

203.0030, -21.2770, 16.6670



Tritanopia

196.2970, -40.6210, -7.2210

Trichromacy



Original Color

198.4190, -43.4200, 4.9640

Protanomaly

201.4100, -30.0330, 10.1510

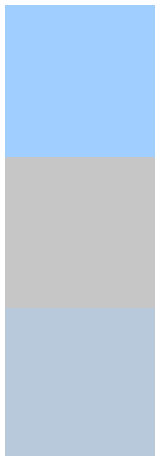
Deuteranomaly

201.1760, -29.2540, 12.5540

Tritanomaly

197.0460, -41.1720, -2.7400

Monochromacy



Original Color

198.4190, -43.4200, 4.9640

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9690, -15.9100, 1.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4190, -43.4200, 4.9640 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(160, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 207, 255)  
}
```

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(160, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 207, 255) }
```

Border

The CSS property to change the border of an element to YIQ 198.4190, -43.4200, 4.9640 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(160, 207, 255) }
```


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

```
.border{ border-color:rgb(160, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 207,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4190, -43.4200, 4.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 207, 255) }
```

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

```
.background{ background-color: rgb(160,  
207, 255) }
```

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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