

Converting Colors

YIQ(201.9380, -31.8200, 3.9880)

Have a look what the booklet for
YIQ(201.9380, -31.8200, 3.9880)
contains.

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Color

**YIQ(201.9380, -31.8200,
3.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	AED0F4
RGB	174, 208, 244
RGB Percent	68%, 82%, 96%
CMY	0.3177, 0.1842, 0.0433
CMYK	0.29, 0.15, 0.00, 0.04
HSL	211°, 76%, 82%
HSV	211°, 29%, 96%
XYZ	56.3348, 60.6450, 94.2931
YIQ	201.9380, -31.8200, 3.9880

Conversions

Conversions Part 2

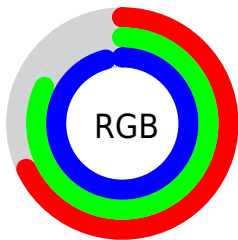
Format	Color
RYB	174, 197, 244
Decimal	11456756
CIELab	82.19, -3.22, -21.35
CIELCh	82, 21.588, 261.417
Yxy	60.6450, 0.2666, 0.2870
Android (android.graphics.Color)	4289646836 (0xFFAED0F4)
YUV	201.9380, 20.7366, -24.5016
Hunter-Lab	77.8749, -7.1540, -17.2776

Details

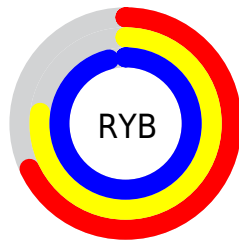
The YIQ color $201.9380, -31.8200, 3.9880$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $216.0620, 31.8200, -3.9880$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, -14.3040, -5.0880$, and $147.7100, -31.1780, 3.3660$ is the 20% darker color. If you saturate the color by 10%, you get $187.1310, -42.5490, 5.6990$, and if you desaturate by 10%, it is $216.7450, -21.0910, 2.2770$.

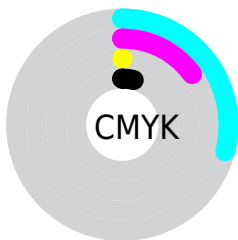
Distribution



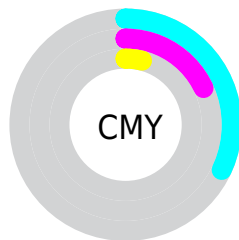
- Red (68%)
- Green (82%)
- Blue (96%)



- Red (68%)
- Yellow (77%)
- Blue (96%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (32%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9380, -31.8200, 3.9880 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 201.9380, -31.8200, 3.9880 by changing the saturation by 10% instead.

■ 201.9380,
-31.8200, 3.9880

■ 201.9380,
-31.8200, 3.9880

■ 255.0000, -0.0000,
-0.0000

■ 174.1230,
-30.9030, 3.8890

■ 247.8240,
-14.3040, -5.0880

■ 147.7100,
-31.1780, 3.3660

■ 121.5960,
-30.8570, 3.0550

■ 96.0690, -30.8110,
2.2210

■ 71.3570, -31.6820,
1.4860

■ 46.1500, -35.5330,
-0.3090

■ 27.4990, -29.2060,

0.6660

■ 12.0770, -16.0940,
5.3300

■ 2.5250, -5.7320,
4.7640

■ 201.9380,
-31.8200, 3.9880

■ 201.9380,
-31.8200, 3.9880

■ 187.1310,
-42.5490, 5.6990

■ 216.7450,
-21.0910, 2.2770

■ 172.6120,
-54.1490, 6.6750

■ 231.2640, -9.4910,
1.3010

■ 157.8050,
-64.8780, 8.3860

■ 246.0710, 1.2380,
-0.4100

■ 143.2860,
-76.4780, 9.3620

■ 253.7460, 3.5310,
-3.4210

■ 128.4790,
-87.2070, 11.0730

■ 114.2590,
-98.2110, 12.2610

■ 99.1530,
-109.5360, 13.7600

■ 97.6690,
-111.0490, 13.6470

Harmonies

Analogous

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



197.8670, -42.2260, -5.6660



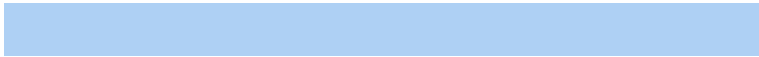
201.9380, -31.8200, 3.9880



205.6740, -13.1610, 12.7510

Triad

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



201.9380, -31.8200, 3.9880



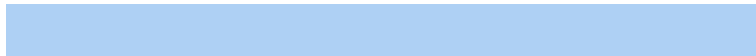
207.7440, 33.3760, 11.8720



199.5560, -8.1580, -17.3580

Complementary

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



201.9380, -31.8200, 3.9880



216.0620, 31.8200, -3.9880

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.



202.4290, 11.3730, -13.3870



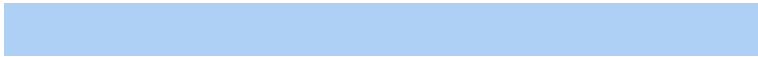
201.9380, -31.8200, 3.9880



206.3600, 34.1570, 3.2210

Square

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



201.9380, -31.8200, 3.9880



208.5290, 23.9760, 17.0320



204.3710, 26.4560, -5.8960



197.5030, -27.0020, -17.2580

Rectangle

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



201.9380, -31.8200, 3.9880



207.6110, 0.3180, 16.2700



204.3710, 26.4560, -5.8960



200.2040, -1.2350, -16.1710

Sweetspot

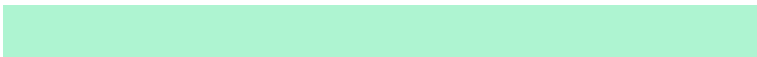
The Sweet Spot groups the original color and five complimentary colors.



201.9380, -31.8200, 3.9880



241.0790, -10.4080, 1.4000



219.0800, -30.4850, -25.7250



118.8190, -6.7400, 1.0040



0.0000, 0.0000, 0.0000



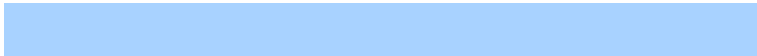
128.0000, -0.0000, -0.0000

Same Dimension

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



201.9380, -31.8200, 3.9880



202.5720, -39.4770, 5.0910



181.9800, -22.4700, 21.7700



114.8900, -5.5020, 0.5940



74.6210, -84.7310, 10.2530



23.7490, -26.9140, 3.1820

Inverse Universe

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



198.8060, 30.8060, 25.4140



198.8010, 38.3700, 31.5060



236.0200, 22.4700, -21.7700



114.2720, 5.2260, 4.4100



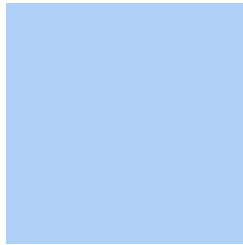
65.9880, 81.6450, 67.7330



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 201.9380, -31.8200, 3.9880 looks on a white background.

Color Contrast Check

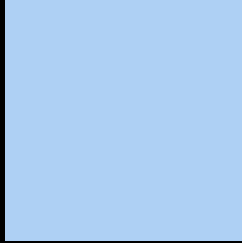
Large Text (above 18pt) WCAG AA × Fail

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 201.9380, -31.8200, 3.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

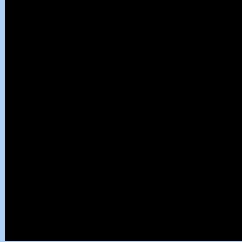
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

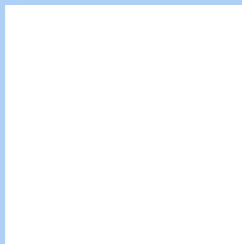
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.9380, -31.8200, 3.9880

Background



This preview shows how black text looks on a background with the YIQ color 201.9380, -31.8200, 3.9880.



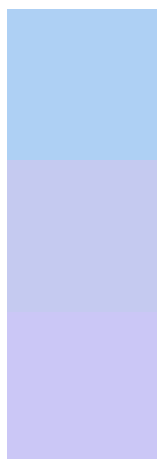
This preview shows how white text looks on a background with the YIQ color 201.9380, -31.8200,

3.9880.

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

201.9380, -31.8200, 3.9880

Protanopia

204.8370, -15.1780, 10.7580

Deuteranopia

205.5540, -12.7030, 15.4650



Tritanopia

200.6790, -29.8930, -3.4050

Trichromacy



Original Color

201.9380, -31.8200, 3.9880

Protanomaly

203.7330, -20.8170, 8.3270

Deuteranomaly

203.9120, -19.7630, 11.2530

Tritanomaly

201.0750, -30.9480, -0.8040

Monochromacy



Original Color

201.9380, -31.8200, 3.9880

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.8940, -11.3250, 1.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9380, -31.8200, 3.9880 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(174, 208, 244)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 244)  
}
```

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(174, 208, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 244) }
```

Border

The CSS property to change the border of an element to YIQ 201.9380, -31.8200, 3.9880 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(174, 208, 244) }
```


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

```
.border{ border-color:rgb(174, 208, 244) }
```

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

Here you see how a box with a 4 pixel rgb(174, 208, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 208, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 208, 244);  
box-shadow:4px 4px 4px 4px rgb(174, 208,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9380, -31.8200, 3.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 208, 244) }
```

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

```
.background{ background-color: rgb(174,  
208, 244) }
```

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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