

Converting Colors

YIQ(204.8830, -39.1550,
-0.7470)

Have a look what the booklet for
YIQ(204.8830, -39.1550, -0.7470)
contains.

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Color

**YIQ(204.8830, -39.1550,
-0.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D8F7
RGB	167, 216, 247
RGB Percent	65%, 85%, 97%
CMY	0.3452, 0.1528, 0.0315
CMYK	0.32, 0.13, 0.00, 0.03
HSL	203°, 83%, 81%
HSV	203°, 32%, 97%
XYZ	57.2737, 64.0477, 97.3025
YIQ	204.8830, -39.1550, -0.7470

Conversions

Conversions Part 2

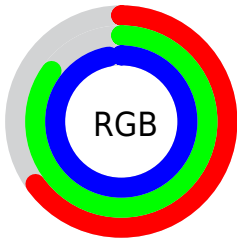
Format	Color
R_{YB}	167, 197, 247
Decimal	11000055
CIE _{Lab}	83.99, -8.67, -20.24
CIE _{LCh}	84, 22.024, 246.808
Yxy	64.0477, 0.2620, 0.2930
Android (android.graphics.Color)	4289190135 (0xFFA7D8F7)
YUV	204.8830, 20.7637, -33.2234
Hunter-Lab	80.0298, -12.3078, -16.0656

Details

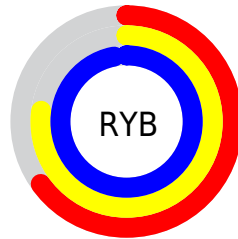
The YIQ color $204.8830, -39.1550, -0.7470$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $209.1170, 39.1550, 0.7470$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7310, -18.4760, -6.5720$, and $149.7690, -38.8340, -1.0580$ is the 20% darker color. If you saturate the color by 10%, you get $191.5380, -51.3050, -0.8170$, and if you desaturate by 10%, it is $218.2280, -27.0050, -0.6770$.

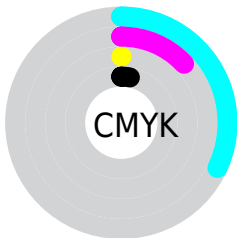
Distribution



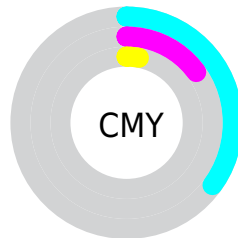
- Red (65%)
- Green (85%)
- Blue (97%)



- Red (65%)
- Yellow (77%)
- Blue (97%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.8830, -39.1550, -0.7470 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 204.8830, -39.1550, -0.7470 by changing the saturation by 10% instead.

■ 204.8830,
-39.1550, -0.7470

■ 204.8830,
-39.1550, -0.7470

■ 255.0000, -0.0000,
-0.0000

■ 176.7690,
-38.8340, -1.0580

■ 245.7310,
-18.4760, -6.5720

■ 149.7690,
-38.8340, -1.0580

■ 254.4020, -1.1920,
-0.4240

■ 123.5410,
-38.1920, -1.6800

■ 97.8290, -39.0630,
-2.4150

■ 71.6330, -41.4470,
-3.2630

■ 46.3120, -44.9770,
-5.3690

■ 30.7760, -31.5440,

-1.0160

■ 16.5280, -18.9820,
2.6020

■ 2.9810, -7.0160,
6.0080

■ 204.8830,
-39.1550, -0.7470

■ 204.8830,
-39.1550, -0.7470

■ 191.5380,
-51.3050, -0.8170

■ 218.2280,
-27.0050, -0.6770

■ 179.0790,
-63.1340, -1.1980

■ 230.6870,
-15.1760, -0.2960

■ 165.7340,
-75.2840, -1.2680

■ 244.0320, -3.0260,
-0.2260

■ 152.9760,
-87.7090, -1.8610

■ 253.5010, 2.8430,
-1.9650

■ 139.9300,
-99.2630, -1.7190

■ 254.0880, 2.5680,
-2.4880

■ 127.1720,
-111.6880, -2.3120

■ 116.7950,
-120.8120, -2.1560

Harmonies

Analogous

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



201.8620, -43.8300, -9.6380



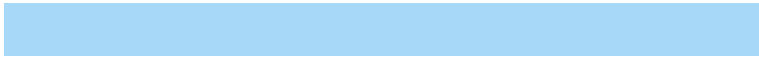
204.8830, -39.1550, -0.7470



209.1780, -23.5680, 8.6240

Triad

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



204.8830, -39.1550, -0.7470



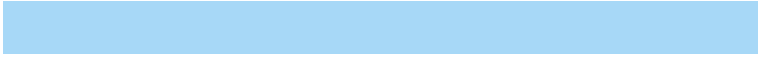
213.1830, 30.7620, 15.1940



205.7590, 1.5160, -16.4680

Complementary

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



204.8830, -39.1550, -0.7470



209.1170, 39.1550, 0.7470

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.



208.5010, 20.0380, -10.7300



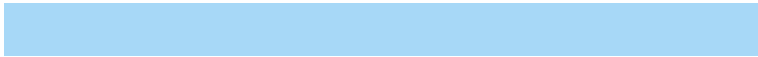
204.8830, -39.1550, -0.7470



211.7780, 36.0360, 7.7160

Square

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



204.8830, -39.1550, -0.7470



213.4620, 16.9150, 18.3470



210.5290, 32.0030, -1.7970



203.0540, -18.4280, -18.4600

Rectangle

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



204.8830, -39.1550, -0.7470



211.1690, -10.1810, 13.8110



210.5290, 32.0030, -1.7970



206.5210, 8.1180, -14.9700

Sweetspot

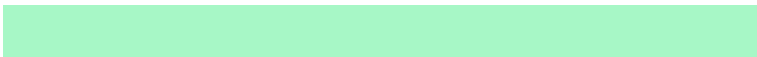
The Sweet Spot groups the original color and five complimentary colors.



204.8830, -39.1550, -0.7470



241.6550, -12.1500, -0.0700



217.4940, -31.9510, -32.1990



119.6940, -7.8860, -0.2540



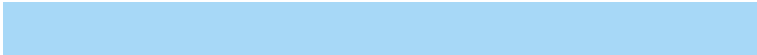
0.0000, 0.0000, 0.0000



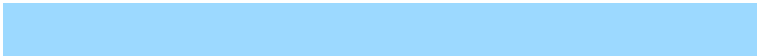
128.0000, -0.0000, -0.0000

Same Dimension

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



204.8830, -39.1550, -0.7470



203.0930, -48.5540, -1.1140



181.4030, -28.1550, 20.1730



116.0640, -6.0520, -0.4520



88.1220, -91.0560, -1.7760



27.8580, -28.8390, -0.4790

Inverse Universe

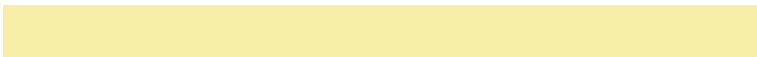
The Inverse Universe completely reimagines the original color for something new.



196.5060, 31.9510, 32.1990



192.5550, 39.4230, 39.9590



232.5970, 28.1550, -20.1730



114.5000, 4.5840, 5.0320



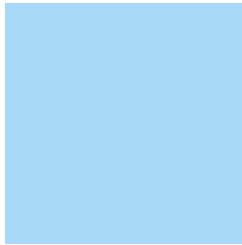
68.6100, 74.2620, 74.8860



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 204.8830, -39.1550, -0.7470 looks on a white background.

Color Contrast Check

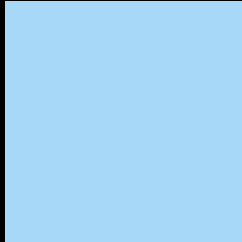
Large Text (above 18pt) WCAG AA × Fail

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 204.8830, -39.1550, -0.7470 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

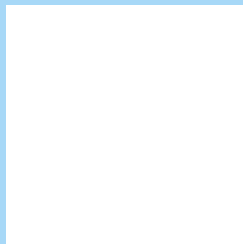
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.8830, -39.1550, -0.7470

Background



This preview shows how black text looks on a background with the YIQ color 204.8830, -39.1550, -0.7470.



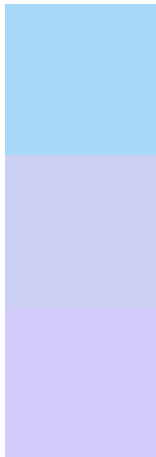
This preview shows how white text looks on a background with the YIQ color 204.8830, -39.1550,

-0.7470.

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

204.8830, -39.1550, -0.7470

Protanopia

209.6800, -13.2980, 9.7260

Deuteranopia

210.6250, -11.4650, 15.0550



Tritanopia

203.7920, -37.6410, -6.1610

Trichromacy



Original Color

204.8830, -39.1550, -0.7470

Protanomaly

207.7820, -22.5130, 6.0230

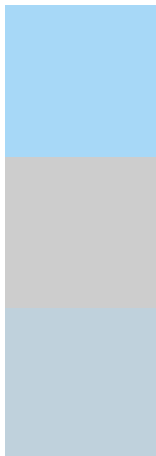
Deuteranomaly

208.3740, -21.1840, 9.4720

Tritanomaly

203.9600, -38.0540, -4.1820

Monochromacy



Original Color

204.8830, -39.1550, -0.7470

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8720, -14.2590, -0.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.8830, -39.1550, -0.7470 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(167, 216, 247)` looks like.

```
.text, #text, p{  
    color:rgb(167, 216, 247)  
}
```

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(167, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 216, 247) }
```

Border

The CSS property to change the border of an element to YIQ 204.8830, -39.1550, -0.7470 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(167, 216, 247) }
```


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

```
.border{ border-color:rgb(167, 216, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 216, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 216, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 216, 247);  
box-shadow:4px 4px 4px 4px rgb(167, 216,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 204.8830, -39.1550, -0.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 216, 247) }
```

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

```
.background{ background-color: rgb(167,  
216, 247) }
```

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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