

Converting Colors

YIQ(213.8350, -39.2000,
-5.4400)

Have a look what the booklet for
YIQ(213.8350, -39.2000, -5.4400)
contains.

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Color

**YIQ(213.8350, -39.2000,
-5.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE4F8
RGB	173, 228, 248
RGB Percent	68%, 89%, 97%
CMY	0.3217, 0.1058, 0.0276
CMYK	0.30, 0.08, 0.00, 0.03
HSL	196°, 84%, 83%
HSV	196°, 30%, 97%
XYZ	61.9132, 71.1550, 99.2426
YIQ	213.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

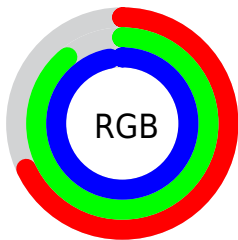
Format	Color
R_{YB}	173, 205, 248
Decimal	11396344
CIE Lab	87.56, -12.95, -15.36
CIE LCh	88, 20.093, 229.867
Yxy	71.1550, 0.2665, 0.3063
Android (android.graphics.Color)	4289586424 (0xFFADE4F8)
YUV	213.8350, 16.8433, -35.8123
Hunter-Lab	84.3534, -16.6041, -10.7079

Details

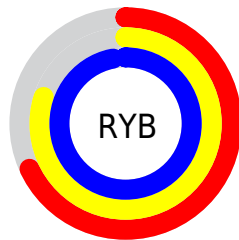
The YIQ color $213.8350, -39.2000, -5.4400$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $207.1650, 39.2000, 5.4400$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5250, -14.9000, -5.3000$, and $158.7210, -38.8790, -5.7510$ is the 20% darker color. If you saturate the color by 10%, you get $202.2510, -52.1750, -7.0790$, and if you desaturate by 10%, it is $225.4190, -26.2250, -3.8010$.

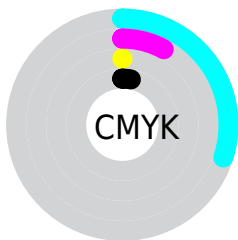
Distribution



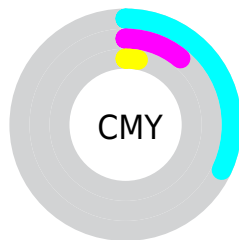
- Red (68%)
- Green (89%)
- Blue (97%)



- Red (68%)
- Yellow (80%)
- Blue (97%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (32%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.8350, -39.2000, -5.4400 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 213.8350, -39.2000, -5.4400 by changing the saturation by 10% instead.

■ 213.8350,
-39.2000, -5.4400

■ 213.8350,
-39.2000, -5.4400

■ 255.0000, -0.0000,
-0.0000

■ 185.7210,
-38.8790, -5.7510

■ 247.5250,
-14.9000, -5.3000

■ 158.7210,
-38.8790, -5.7510

■ 131.9060,
-37.9620, -5.8500

■ 105.6070,
-38.5580, -6.0620

■ 79.7100, -40.3460,
-6.6980

■ 52.2960, -48.0480,
-10.2880

■ 36.1730, -34.3400,

-5.4120

■ 21.9250, -21.7780,
-1.7940

■ 3.0950, -7.3370,
6.3190

■ 213.8350,
-39.2000, -5.4400

■ 213.8350,
-39.2000, -5.4400

■ 202.2510,
-52.1750, -7.0790

■ 225.4190,
-26.2250, -3.8010

■ 191.2540,
-65.4250, -9.2410

■ 236.4160,
-12.9750, -1.6390

■ 179.9690,
-77.8040, -10.6680

■ 247.7010, -0.5960,
-0.2120

■ 168.9720,
-91.0540, -12.8300

■ 253.6150, 2.5220,
-1.6540

■ 157.3880,
-104.0290, -14.4690

■ 254.2020, 2.2470,
-2.1770

■ 145.8040,
-117.0040, -16.1080

■ 135.1060,
-129.6580, -18.0580

Harmonies

Analogous

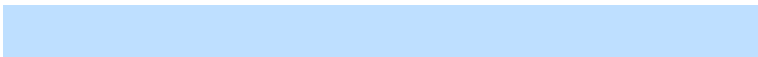
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.9890, -36.9980, -12.3100



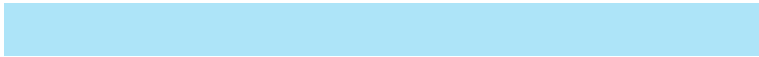
213.8350, -39.2000, -5.4400



216.7810, -29.9400, 2.9560

Triad

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



213.8350, -39.2000, -5.4400



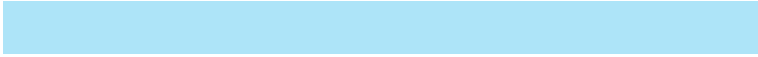
223.3330, 21.5920, 16.1840



217.2550, 11.9230, -12.3410

Complementary

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



213.8350, -39.2000, -5.4400



207.1650, 39.2000, 5.4400

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.



219.5990, 25.8140, -5.2740



213.8350, -39.2000, -5.4400



221.3520, 28.6080, 10.1760

Square

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



213.8350, -39.2000, -5.4400



222.8350, 5.4990, 15.9870



221.2890, 32.9190, 3.6310



214.8660, -6.0950, -16.1990

Rectangle

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



213.8350, -39.2000, -5.4400



219.2170, -19.3040, 8.4400



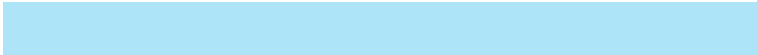
221.2890, 32.9190, 3.6310



218.0600, 16.9660, -10.1220

Sweetspot

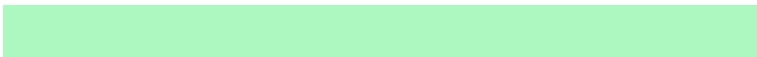
The Sweet Spot groups the original color and five complimentary colors.



213.8350, -39.2000, -5.4400



244.6010, -12.0580, -1.7380



219.1910, -26.7240, -33.3160



121.1670, -7.8400, -1.0880



0.0000, 0.0000, 0.0000



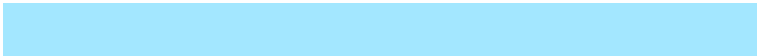
128.0000, -0.0000, -0.0000

Same Dimension

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



213.8350, -39.2000, -5.4400



213.4040, -48.2320, -6.9520



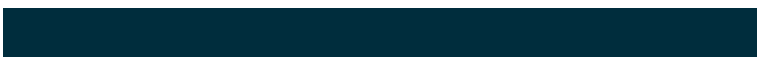
192.7030, -29.3000, 13.3880



119.3520, -6.9230, -1.1870



103.1390, -98.8940, -13.9180



33.3690, -31.9560, -4.5640

Inverse Universe

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



201.6950, 27.0450, 33.0050



198.2600, 33.0040, 40.6520



228.2970, 29.3000, -13.3880



117.0270, 4.5380, 5.8660



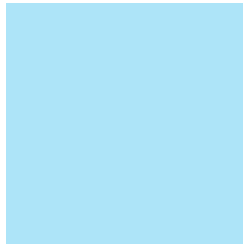
72.3570, 68.0250, 83.2970



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 213.8350, -39.2000, -5.4400 looks on a white background.

Color Contrast Check

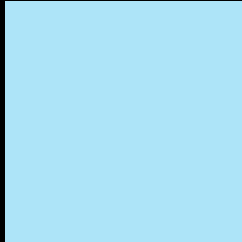
Large Text (above 18pt) WCAG AA × Fail

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 213.8350, -39.2000, -5.4400 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 213.8350, -39.2000, -5.4400

Background



This preview shows how black text looks on a background with the YIQ color 213.8350, -39.2000, -5.4400.



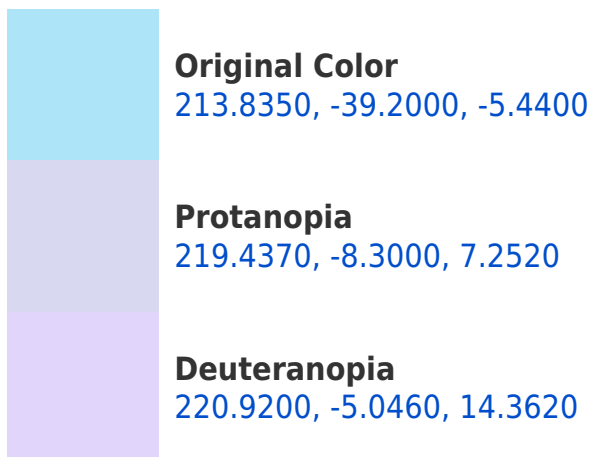
This preview shows how white text looks on a background with the YIQ color 213.8350, -39.2000, -5.4400.

-5.4400.

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

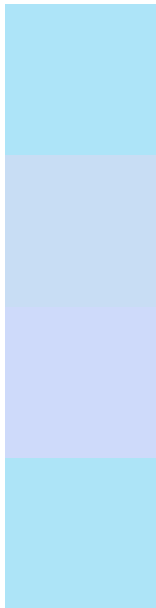




Tritanopia

213.7210, -38.8790, -5.7510

Trichromacy



Original Color

213.8350, -39.2000, -5.4400

Protanomaly

217.3430, -19.8990, 2.7010

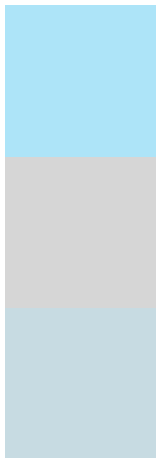
Deuteranomaly

218.0600, -17.4240, 7.4080

Tritanomaly

213.7210, -38.8790, -5.7510

Monochromacy



Original Color

213.8350, -39.2000, -5.4400

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.8180, -14.1670, -2.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.8350, -39.2000, -5.4400 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(173, 228, 248)` looks like.

```
.text, #text, p{  
    color:rgb(173, 228, 248)  
}
```

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(173, 228, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 228, 248) }
```

Border

The CSS property to change the border of an element to YIQ 213.8350, -39.2000, -5.4400 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(173, 228, 248) }
```


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

```
.border{ border-color:rgb(173, 228, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 228, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 228, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 228, 248);  
box-shadow:4px 4px 4px 4px rgb(173, 228,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 213.8350, -39.2000, -5.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 228, 248) }
```

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

```
.background{ background-color: rgb(173,  
228, 248) }
```

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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