

Converting Colors

YIQ(219.2170, -37.6400,
-11.6880)

Have a look what the booklet for
YIQ(219.2170, -37.6400, -11.6880)
contains.

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Color

**YIQ(219.2170, -37.6400,
-11.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	B0EDF1
RGB	176, 237, 241
RGB Percent	69%, 93%, 95%
CMY	0.3099, 0.0705, 0.0550
CMYK	0.27, 0.02, 0.00, 0.06
HSL	184°, 70%, 82%
HSV	184°, 27%, 94%
XYZ	64.0593, 76.1576, 94.5123
YIQ	219.2170, -37.6400, -11.6880

Conversions

Conversions Part 2

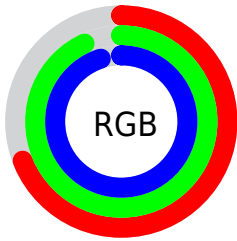
Format	Color
R _Y B	176, 207, 241
Decimal	11595249
CIE Lab	89.93, -18.23, -8.14
CIE LCh	90, 19.961, 204.069
Yxy	76.1576, 0.2729, 0.3244
Android (android.graphics.Color)	4289785329 (0xFFB0EDF1)
YUV	219.2170, 10.7390, -37.9013
Hunter-Lab	87.2683, -21.6918, -3.1237

Details

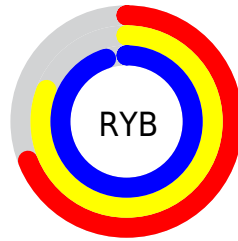
The YIQ color **219.2170, -37.6400, -11.6880** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.7830, 37.6400, 11.6880**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **248.4220, -13.1120, -4.6640**, and **163.5160, -37.0440, -11.4760** is the 20% darker color. If you saturate the color by 10%, you get **211.4540, -51.6690, -16.2530**, and if you desaturate by 10%, it is **226.9800, -23.6110, -7.1230**.

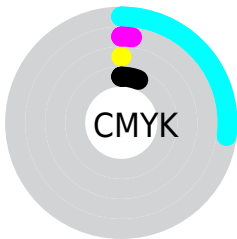
Distribution



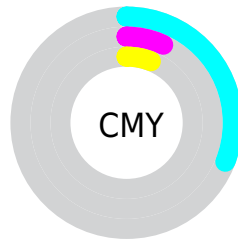
- Red (69%)
- Green (93%)
- Blue (95%)



- Red (69%)
- Yellow (81%)
- Blue (95%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.2170, -37.6400, -11.6880 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 219.2170, -37.6400, -11.6880 by changing the saturation by 10% instead.

■ 219.2170,
-37.6400, -11.6880

■ 219.2170,
-37.6400, -11.6880

■ 255.0000, -0.0000,
-0.0000

■ 191.2170,
-37.6400, -11.6880

■ 248.4220,
-13.1120, -4.6640

■ 163.5160,
-37.0440, -11.4760

■ 136.8150,
-36.4480, -11.2640

■ 110.5160,
-37.0440, -11.4760

■ 85.2170, -37.6400,
-11.6880

■ 58.2270, -43.6000,
-13.8080

■ 39.7120, -34.6600,

-10.6280

■ 24.2900, -21.5480,
-5.9640

■ 2.6390, -6.0530,
5.0750

■ 219.2170,
-37.6400, -11.6880

■ 219.2170,
-37.6400, -11.6880

■ 211.4540,
-51.6690, -16.2530

■ 226.9800,
-23.6110, -7.1230

■ 203.1040,
-65.4230, -20.2950

■ 235.3300, -9.8570,
-3.0810

■ 195.3410,
-79.4520, -24.8600

■ 243.0930, 4.1720,
1.4840

■ 186.9910,
-93.2060, -28.9020

■ 246.3600, 7.7940,
1.9220

■ 178.9290,
-107.8310, -33.6790

■ 246.9470, 7.5190,
1.3990

■ 170.5790,
-121.5850, -37.7210

■ 248.1210, 6.9690,
0.3530

■ 162.8160,
-135.6140, -42.2860

■ 248.7080, 6.6940,
-0.1700

■ 160.1360,
-139.5110, -43.2470

■ 249.8820, 6.1440,
-1.2160

■ 250.4690, 5.8690,
-1.7390

Harmonies

Analogous

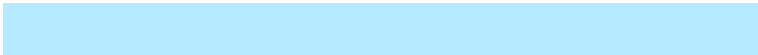
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.7420, -26.1770, -15.6890



219.2170, -37.6400, -11.6880



220.8460, -37.7330, -4.4930

Triad

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



219.2170, -37.6400, -11.6880



229.9170, 8.2040, 16.5240



226.2890, 23.7510, -6.4330

Complementary

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



219.2170, -37.6400, -11.6880



197.7830, 37.6400, 11.6880

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.



226.5550, 29.1140, 1.0020



219.2170, -37.6400, -11.6880



227.6100, 19.2540, 14.5020

Square

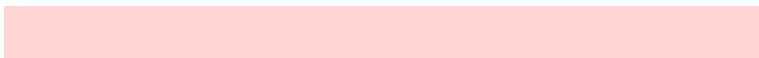
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.2170, -37.6400, -11.6880



227.2460, -9.0800, 10.3760



225.9170, 25.3990, 7.7590



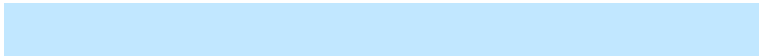
224.0590, 9.5390, -13.1890

Rectangle

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



219.2170, -37.6400, -11.6880



222.3740, -30.3520, -0.5920



225.9170, 25.3990, 7.7590



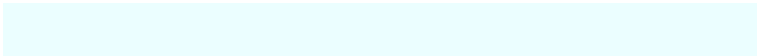
226.4360, 27.8310, -3.2810

Sweetspot

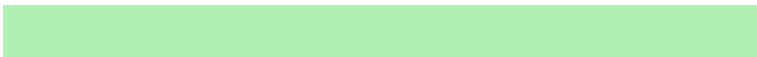
The Sweet Spot groups the original color and five complimentary colors.



219.2170, -37.6400, -11.6880



248.4330, -11.6450, -3.7170



214.4970, -18.8380, -33.0620



123.5260, -7.4730, -2.2330



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.



219.2170, -37.6400, -11.6880



227.5470, -47.4970, -14.7690



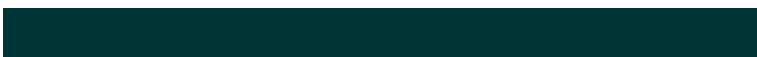
200.4330, -28.8400, 5.0480



115.8250, -6.8770, -2.0210



121.9400, -106.3640, -32.7320



37.4950, -32.5510, -10.3030

Inverse Universe

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



202.3890, 19.1590, 32.7510



206.2960, 24.1550, 41.3310



216.5670, 28.8400, -5.0480



112.8420, 3.6210, 5.9650



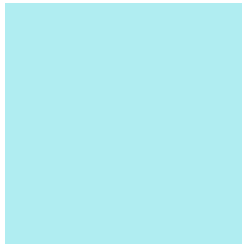
74.6240, 54.4520, 92.5000



22.7860, 16.3630, 28.3550

Previews

White Background



This preview shows how the YIQ color 219.2170, -37.6400, -11.6880 looks on a white background.

Color Contrast Check

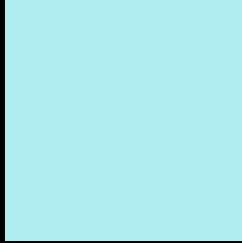
Large Text (above 18pt) WCAG AA × Fail

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 219.2170, -37.6400, -11.6880 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 219.2170, -37.6400, -11.6880 Background



This preview shows how black text looks on a background with the YIQ color 219.2170, -37.6400, -11.6880.



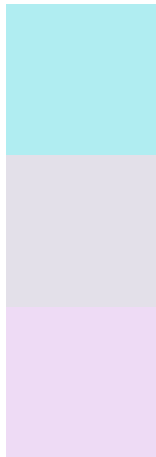
This preview shows how white text looks on a background with the YIQ color 219.2170, -37.6400, -11.6880.

-11.6880.

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

219.2170, -37.6400, -11.6880

Protanopia

225.9230, -1.1010, 3.4350

Deuteranopia

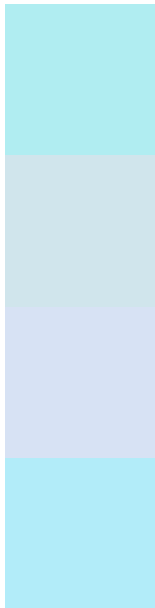
227.6450, 2.9780, 12.1140



Tritanopia

220.4220, -39.4750, -5.9630

Trichromacy



Original Color

219.2170, -37.6400, -11.6880

Protanomaly

223.5190, -14.7630, -2.2750

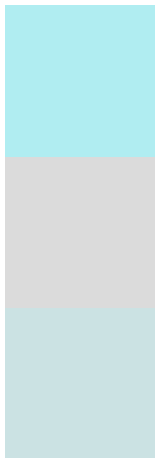
Deuteranomaly

224.7630, -12.3340, 3.2660

Tritanomaly

220.1400, -38.7410, -8.2530

Monochromacy



Original Color

219.2170, -37.6400, -11.6880

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.2370, -14.0290, -4.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.2170, -37.6400, -11.6880 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(176, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(176, 237, 241)  
}
```

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(176, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 237, 241) }
```

Border

The CSS property to change the border of an element to YIQ 219.2170, -37.6400, -11.6880 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(176, 237, 241) }
```


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

```
.border{ border-color:rgb(176, 237, 241) }
```

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

Here you see how a box with a 4 pixel rgb(176, 237, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(176, 237,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 219.2170, -37.6400, -11.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 237, 241) }
```

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

```
.background{ background-color: rgb(176,  
237, 241) }
```

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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