

Converting Colors

YIQ(213.1410, -31.3140,
-5.1860)

Have a look what the booklet for
YIQ(213.1410, -31.3140, -5.1860)
contains.

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Color

**YIQ(213.1410, -31.3140,
-5.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E1EF
RGB	180, 225, 239
RGB Percent	71%, 88%, 94%
CMY	0.2942, 0.1176, 0.0629
CMYK	0.25, 0.06, 0.00, 0.06
HSL	194°, 65%, 82%
HSV	194°, 25%, 94%
XYZ	61.3218, 69.7909, 91.8737
YIQ	213.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

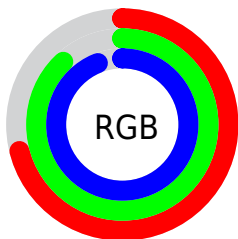
Format	Color
R _Y B	180, 206, 239
Decimal	11854319
CIE Lab	86.89, -11.46, -11.59
CIE LCh	87, 16.300, 225.303
Yxy	69.7909, 0.2750, 0.3130
Android (android.graphics.Color)	4290044399 (0xFFB4E1EF)
YUV	213.1410, 12.7485, -29.0647
Hunter-Lab	83.5410, -15.1719, -6.7251

Details

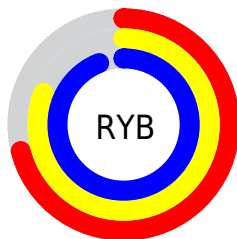
The YIQ color $213.1410, -31.3140, -5.1860$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $205.8590, 31.3140, 5.1860$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, -10.7280, -3.8160$, and $158.3260, -30.3970, -5.2850$ is the 20% darker color. If you saturate the color by 10%, you get $202.4430, -43.9680, -7.1360$, and if you desaturate by 10%, it is $223.8390, -18.6600, -3.2360$.

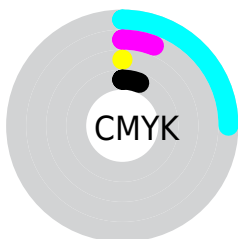
Distribution



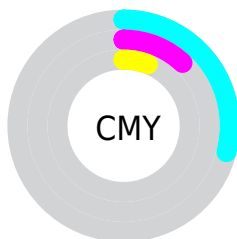
- Red (71%)
- Green (88%)
- Blue (94%)



- Red (71%)
- Yellow (81%)
- Blue (94%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (29%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.1410, -31.3140, -5.1860 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 213.1410, -31.3140, -5.1860 by changing the saturation by 10% instead.

■ 213.1410,
-31.3140, -5.1860

■ 213.1410,
-31.3140, -5.1860

■ 255.0000, -0.0000,
-0.0000

■ 185.4400,
-30.7180, -4.9740

■ 249.6180,
-10.7280, -3.8160

■ 158.3260,
-30.3970, -5.2850

■ 131.6250,
-29.8010, -5.0730

■ 106.2120,
-30.0760, -5.5960

■ 81.2120, -30.0760,
-5.5960

■ 56.6140, -31.2680,
-6.0200

■ 34.2010, -31.5430,

-6.5430

■ 19.9530, -18.9810,
-2.9250

■ 2.2970, -5.0900,
4.1420

■ 213.1410,
-31.3140, -5.1860

■ 213.1410,
-31.3140, -5.1860

■ 202.4430,
-43.9680, -7.1360

■ 223.8390,
-18.6600, -3.2360

■ 192.3320,
-56.8970, -9.6090

■ 233.9500, -5.7310,
-0.7630

■ 181.6340,
-69.5510, -11.5590

■ 244.6480, 6.9230,
1.1870

■ 170.9360,
-82.2050, -13.5090

■ 249.0670, 7.0610,
-1.3150

■ 160.8250,
-95.1340, -15.9820

■ 252.0020, 5.6860,
-3.9300

■ 150.4260,
-107.1920, -17.7200

■ 253.1760, 5.1360,
-4.9760

■ 139.7280,
-119.8460, -19.6700

■ 134.0800,
-126.7690, -20.8570

Harmonies

Analogous

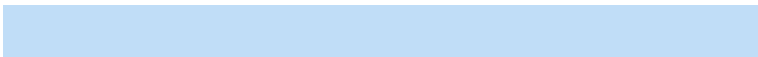
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.4200, -27.9660, -10.7980



213.1410, -31.3140, -5.1860



215.2930, -25.6300, 1.9380

Triad

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



213.1410, -31.3140, -5.1860



220.8160, 15.6780, 13.2300



216.3630, 11.7390, -9.0050

Complementary

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



213.1410, -31.3140, -5.1860



205.8590, 31.3140, 5.1860

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.



217.9130, 22.0540, -3.2100



213.1410, -31.3140, -5.1860



220.4980, 25.2610, 10.2610

Square

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



213.1410, -31.3140, -5.1860



219.8730, 2.3360, 12.7360



219.7660, 27.1420, 3.7020



214.2410, -2.6570, -12.4250

Rectangle

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



213.1410, -31.3140, -5.1860



217.2340, -17.9740, 6.3620



219.7660, 27.1420, 3.7020



216.5700, 15.5900, -7.2100

Sweetspot

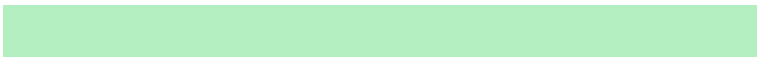
The Sweet Spot groups the original color and five complimentary colors.



213.1410, -31.3140, -5.1860



247.2700, -9.6280, -1.7240



216.2290, -20.7190, -26.5030



122.9500, -5.7310, -0.7630



0.0000, 0.0000, 0.0000



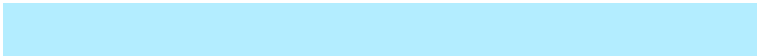
128.0000, -0.0000, -0.0000

Same Dimension

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



213.1410, -31.3140, -5.1860



221.7100, -40.3460, -6.6980



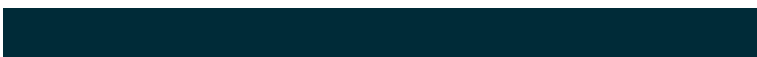
196.1180, -23.3390, 9.9810



114.6510, -6.3270, -0.9750



103.1560, -97.5640, -15.9960



31.6250, -29.8010, -5.0730

Inverse Universe

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



202.7710, 20.7190, 26.5030



208.3360, 26.6780, 34.1500



222.8820, 23.3390, -9.9810



112.6140, 4.2630, 5.3430



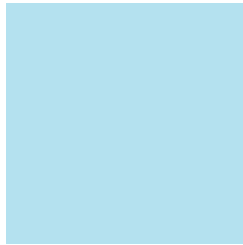
70.9760, 64.7240, 82.5480



21.6460, 19.5730, 25.2450

Previews

White Background



This preview shows how the YIQ color 213.1410, -31.3140, -5.1860 looks on a white background.

Color Contrast Check

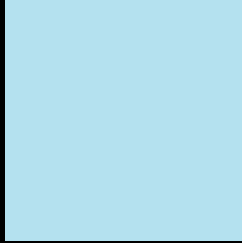
Large Text (above 18pt) WCAG AA × Fail

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 213.1410, -31.3140, -5.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

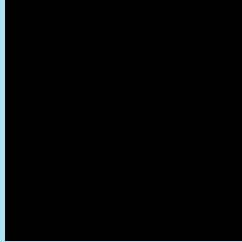
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.1410, -31.3140, -5.1860

Background



This preview shows how black text looks on a background with the YIQ color 213.1410, -31.3140, -5.1860.



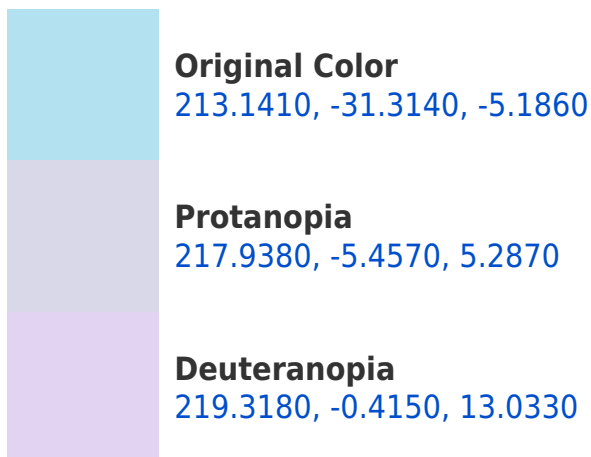
This preview shows how white text looks on a background with the YIQ color 213.1410, -31.3140, -5.1860.

-5.1860.

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

213.1950, -31.4060, -3.5180

Trichromacy



Original Color

213.1410, -31.3140, -5.1860

Protanomaly

216.0400, -14.6720, 1.5840

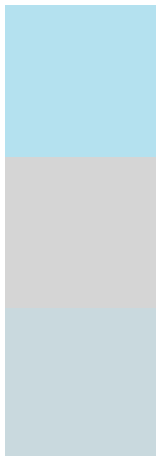
Deuteranomaly

217.0560, -11.6010, 6.5030

Tritanomaly

213.0810, -31.0850, -3.8290

Monochromacy



Original Color

213.1410, -31.3140, -5.1860

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.7860, -11.1410, -1.8370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1410, -31.3140, -5.1860 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(180, 225, 239)` looks like.

```
.text, #text, p{  
    color:rgb(180, 225, 239)  
}
```

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(180, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 225, 239) }
```

Border

The CSS property to change the border of an element to YIQ 213.1410, -31.3140, -5.1860 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(180, 225, 239) }
```


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

```
.border{ border-color:rgb(180, 225, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(180, 225,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1410, -31.3140, -5.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 225, 239) }
```

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

```
.background{ background-color: rgb(180,  
225, 239) }
```

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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