

Converting Colors

YIQ(218.3150, -31.8640,
-6.2320)

Have a look what the booklet for
YIQ(218.3150, -31.8640, -6.2320)
contains.

YIQ(218.3150, -31.8640, -6.2320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(218.3150, -31.8640,
-6.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E7F3
RGB	184, 231, 243
RGB Percent	72%, 91%, 95%
CMY	0.2785, 0.0940, 0.0472
CMYK	0.24, 0.05, 0.00, 0.05
HSL	192°, 71%, 84%
HSV	192°, 24%, 95%
XYZ	64.5147, 73.8189, 95.6148
YIQ	218.3150, -31.8640, -6.2320

Conversions

Conversions Part 2

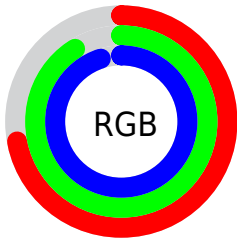
Format	Color
RYB	184, 210, 243
Decimal	12118003
CIELab	88.84, -12.47, -10.77
CIELCh	89, 16.473, 220.822
Yxy	73.8189, 0.2758, 0.3155
Android (android.graphics.Color)	4290308083 (0xFFB8E7F3)
YUV	218.3150, 12.1697, -30.0943
Hunter-Lab	85.9179, -16.3231, -5.8390

Details

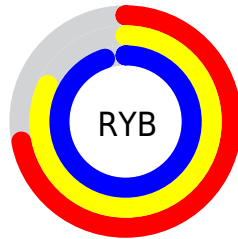
The YIQ color **218.3150, -31.8640, -6.2320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **208.6850, 31.8640, 6.2320**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8140, -8.3440, -2.9680**, and **162.9130, -30.6720, -5.8080** is the 20% darker color. If you saturate the color by 10%, you get **208.2040, -44.7930, -8.7050**, and if you desaturate by 10%, it is **228.4260, -18.9350, -3.7590**.

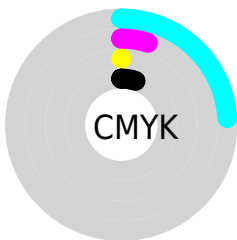
Distribution



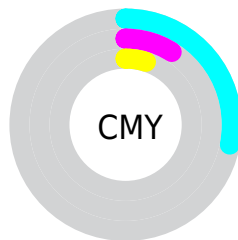
- Red (72%)
- Green (91%)
- Blue (95%)



- Red (72%)
- Yellow (82%)
- Blue (95%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.3150, -31.8640, -6.2320 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 218.3150, -31.8640, -6.2320 by changing the saturation by 10% instead.

■ 218.3150,
-31.8640, -6.2320

■ 218.3150,
-31.8640, -6.2320

255.0000, -0.0000,
-0.0000

■ 190.3150,
-31.8640, -6.2320

■ 250.8140, -8.3440,
-2.9680

■ 162.9130,
-30.6720, -5.8080

■ 136.5000,
-30.9470, -6.3310

■ 110.7990,
-30.3510, -6.1190

■ 85.3860, -30.6260,
-6.6420

■ 60.7880, -31.8180,
-7.0660

■ 36.8910, -33.6060,

-7.7020

■ 22.0560, -20.7690,
-3.5610

■ 2.7530, -6.3740,
5.3860

■ 218.3150,
-31.8640, -6.2320

■ 218.3150,
-31.8640, -6.2320

■ 208.2040,
-44.7930, -8.7050

■ 228.4260,
-18.9350, -3.7590

■ 197.7940,
-58.3180, -11.3900

■ 238.8360, -5.4100,
-1.0740

■ 187.6830,
-71.2470, -13.8630

■ 248.3490, 6.3270,
0.9750

■ 177.5720,
-84.1760, -16.3360

■ 251.2840, 4.9520,
-1.6400

■ 167.1620,
-97.7010, -19.0210

■ 253.6320, 3.8520,
-3.7320

■ 157.6380,
-110.9050, -22.0170

■ 147.5270,
-123.8340, -24.4900

■ 141.5800,
-131.3530, -25.8890

Harmonies

Analogous

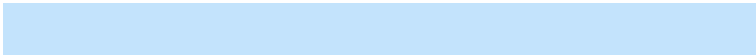
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.1920, -27.3240, -11.4200



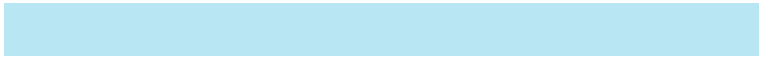
218.3150, -31.8640, -6.2320



220.2820, -27.0970, 0.9910

Triad

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



218.3150, -31.8640, -6.2320



226.1580, 14.7150, 14.1630



222.1460, 13.8480, -8.6800

Complementary

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



218.3150, -31.8640, -6.2320



208.6850, 31.8640, 6.2320

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.



223.9240, 23.5210, -2.2630



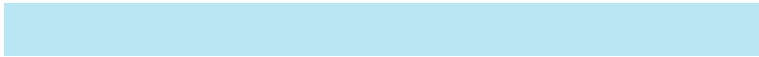
218.3150, -31.8640, -6.2320



225.5410, 23.7020, 10.9820

Square

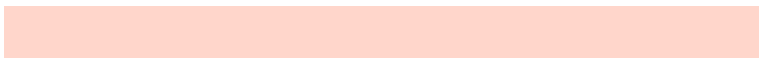
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



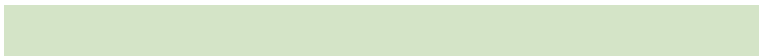
218.3150, -31.8640, -6.2320



225.2040, -0.0940, 12.7220



225.0050, 27.9670, 5.2710



219.9100, -0.2270, -12.4110

Rectangle

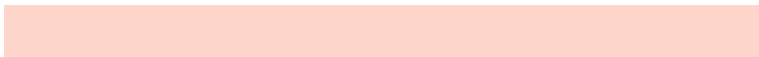
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



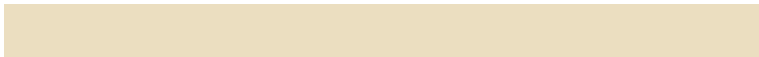
218.3150, -31.8640, -6.2320



222.3370, -19.7620, 5.7260



225.0050, 27.9670, 5.2710



222.4670, 17.3780, -6.5740

Sweetspot

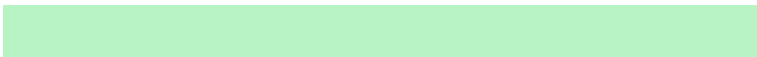
The Sweet Spot groups the original color and five complimentary colors.



218.3150, -31.8640, -6.2320



247.2700, -9.6280, -1.7240



220.0010, -20.0770, -27.1250



122.9500, -5.7310, -0.7630



0.0000, 0.0000, 0.0000



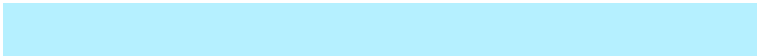
128.0000, -0.0000, -0.0000

Same Dimension

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



218.3150, -31.8640, -6.2320



224.0690, -39.9790, -7.8430



201.2920, -23.8890, 8.9350



117.2380, -6.6020, -1.4980



108.0800, -100.4060, -19.5580



34.3150, -31.8640, -6.2320

Inverse Universe

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



206.9990, 20.0770, 27.1250



209.8520, 25.1650, 34.0370



225.7080, 23.8890, -8.9350



114.7280, 3.9420, 5.6540



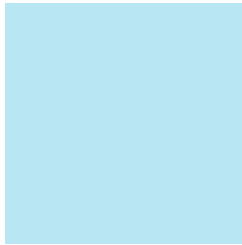
72.4860, 63.3480, 85.4600



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 218.3150, -31.8640, -6.2320 looks on a white background.

Color Contrast Check

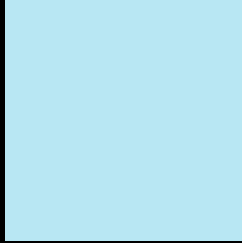
Large Text (above 18pt) WCAG AA × Fail

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 218.3150, -31.8640, -6.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

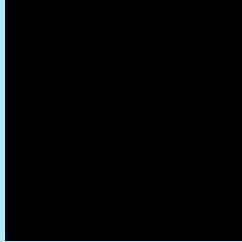
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.3150, -31.8640, -6.2320

Background



This preview shows how black text looks on a background with the YIQ color 218.3150, -31.8640, -6.2320.



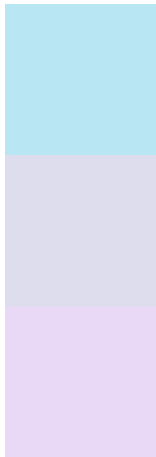
This preview shows how white text looks on a background with the YIQ color 218.3150, -31.8640, -6.2320.

-6.2320.

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

218.3150, -31.8640, -6.2320

Protanopia

223.1230, -4.5400, 5.1880

Deuteranopia

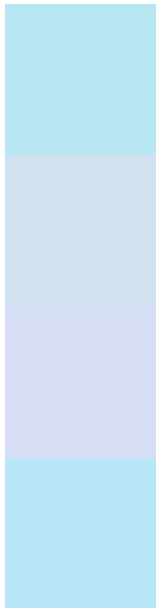
224.5030, 0.5020, 12.9340



Tritanopia

218.7110, -32.9190, -3.6310

Trichromacy



Original Color

218.3150, -31.8640, -6.2320

Protanomaly

221.5130, -14.6260, 0.7500

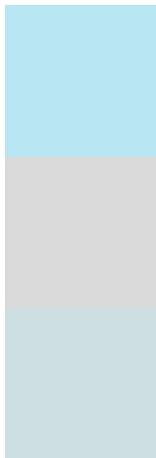
Deuteranomaly

221.9420, -11.2800, 6.1920

Tritanomaly

218.4830, -32.2770, -4.2530

Monochromacy



Original Color

218.3150, -31.8640, -6.2320

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.3730, -11.4160, -2.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.3150, -31.8640, -6.2320 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(184, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(184, 231, 243)  
}
```

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(184, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 231, 243) }
```

Border

The CSS property to change the border of an element to YIQ 218.3150, -31.8640, -6.2320 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(184, 231, 243) }
```


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

```
.border{ border-color:rgb(184, 231, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 231, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(184, 231,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 218.3150, -31.8640, -6.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 231, 243) }
```

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

```
.background{ background-color: rgb(184,  
231, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor