

Converting Colors

YIQ(212.7940, -31.9550,
-10.0910)

Have a look what the booklet for
YIQ(212.7940, -31.9550, -10.0910)
contains.

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Color

**YIQ(212.7940, -31.9550,
-10.0910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B0E4E7 |
| RGB | 176, 228, 231 |
| RGB Percent | 69%, 89%, 91% |
| CMY | 0.3099, 0.1058, 0.0942 |
| CMYK | 0.24, 0.01, 0.00, 0.09 |
| HSL | 183°, 53%, 80% |
| HSV | 183°, 24%, 91% |
| XYZ | 60.0660, 70.4930, 86.0176 |
| YIQ | 212.7940, -31.9550, -10.0910 |

Conversions

Conversions Part 2

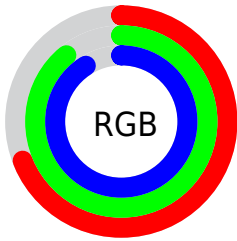
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 176, 203, 231 |
| Decimal | 11592935 |
| CIE Lab | 87.24, -15.92, -6.89 |
| CIE LCh | 87, 17.344, 203.407 |
| Yxy | 70.4930, 0.2773, 0.3255 |
| Android (android.graphics.Color) | 4289783015 (0xFFB0E4E7) |
| YUV | 212.7940, 8.9756, -32.2683 |
| Hunter-Lab | 83.9601, -19.2292, -1.9709 |

Details

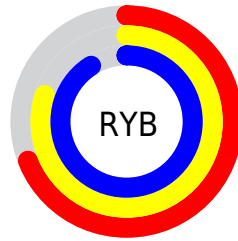
The YIQ color **212.7940, -31.9550, -10.0910** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194.2060, 31.9550, 10.0910**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.4220, -13.1120, -4.6640**, and **157.9790, -31.0380, -10.1900** is the 20% darker color. If you saturate the color by 10%, you get **205.3300, -45.3880, -14.4440**, and if you desaturate by 10%, it is **220.2580, -18.5220, -5.7380**.

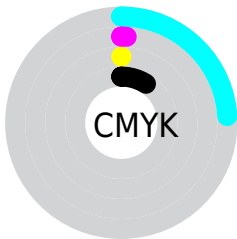
Distribution



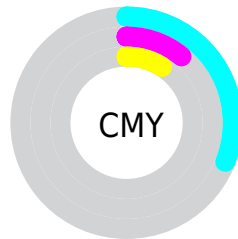
- Red (69%)
- Green (89%)
- Blue (91%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.7940, -31.9550, -10.0910 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 212.7940, -31.9550, -10.0910 by changing the saturation by 10% instead.

■ 212.7940,
-31.9550, -10.0910

■ 212.7940,
-31.9550, -10.0910

■ 255.0000, -0.0000,
-0.0000

■ 185.0930,
-31.3590, -9.8790

■ 248.4220,
-13.1120, -4.6640

■ 157.9790,
-31.0380, -10.1900

■ 131.3920,
-30.7630, -9.6670

■ 105.3920,
-30.7630, -9.6670

■ 80.3920, -30.7630,
-9.6670

■ 55.1960, -33.1470,
-10.5150

■ 34.6910, -30.1670,

-9.4550

■ 20.5570, -17.9260,
-5.5260

■ 0.5700, -1.6050,
1.5550

■ 212.7940,
-31.9550, -10.0910

■ 212.7940,
-31.9550, -10.0910

■ 205.3300,
-45.3880, -14.4440

■ 220.2580,
-18.5220, -5.7380

■ 197.8660,
-58.8210, -18.7970

■ 227.7220, -5.0890,
-1.3850

■ 189.8150,
-71.9790, -22.6270

■ 235.7730, 8.0690,
2.4450

■ 182.3510,
-85.4120, -26.9800

■ 239.3500, 13.7540,
4.0420

■ 174.5880,
-99.4410, -31.5450

■ 239.9370, 13.4790,
3.5190

■ 167.1240,
-112.8740, -35.8980

■ 240.5240, 13.2040,
2.9960

■ 159.0730,
-126.0320, -39.7280

■ 241.6980, 12.6540,
1.9500

■ 154.8870,
-134.3760, -42.6960

■ 242.2850, 12.3790,
1.4270

■ 242.8720, 12.1040,
0.9040

Harmonies

Analogous

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



212.9490, -22.3260, -13.8940



212.7940, -31.9550, -10.0910



214.5970, -32.5980, -3.9420

Triad

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



212.7940, -31.9550, -10.0910



221.8520, 6.8290, 13.9090



218.5600, 21.5500, -5.0900

Complementary

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



212.7940, -31.9550, -10.0910



194.2060, 31.9550, 10.0910

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.



220.0110, 27.8300, 2.2460



212.7940, -31.9550, -10.0910



222.2680, 20.2170, 13.5690

Square

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



212.7940, -31.9550, -10.0910



220.0610, -9.9970, 10.4750



221.5260, 28.0580, 9.1300



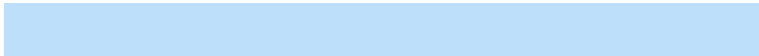
216.9280, 8.5300, -11.4220

Rectangle

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



212.7940, -31.9550, -10.0910



216.2110, -28.3350, 1.4010



221.5260, 28.0580, 9.1300



218.9950, 24.7590, -2.6730

Sweetspot

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



212.7940, -31.9550, -10.0910



249.0310, -10.4530, -3.2930



208.6270, -16.0880, -27.8320



124.1240, -6.2810, -1.8090



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.



212.7940, -31.9550, -10.0910



230.5260, -43.0040, -13.5960



196.9450, -24.5300, 4.0300



110.8250, -6.8770, -2.0210



119.6090, -103.9340, -32.7180



33.9900, -29.5710, -9.2430

Inverse Universe

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



198.3730, 16.0880, 27.8320



211.1060, 21.6340, 37.4580



210.0550, 24.5300, -4.0300



107.8420, 3.6210, 5.9650



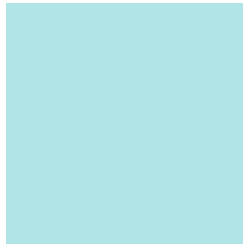
72.7870, 52.4350, 90.5070



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 212.7940, -31.9550, -10.0910 looks on a white background.

Color Contrast Check

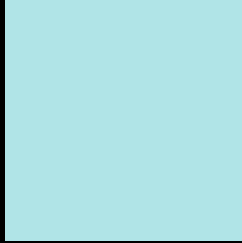
Large Text (above 18pt) WCAG AA × Fail

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 212.7940, -31.9550, -10.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

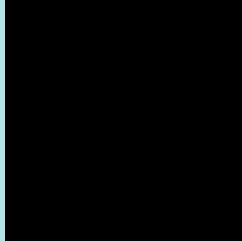
Any Text WCAG AA ✓ Pass

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 212.7940, -31.9550, -10.0910 Background



This preview shows how black text looks on a background with the YIQ color 212.7940, -31.9550, -10.0910.



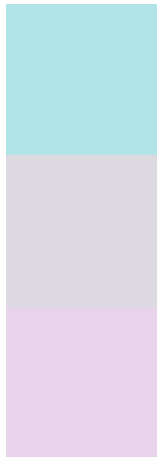
This preview shows how white text looks on a background with the YIQ color 212.7940, -31.9550, -10.0910.

-10.0910.

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

212.7940, -31.9550, -10.0910

Protanopia

218.6950, -0.4590, 2.8130

Deuteranopia

220.4880, 4.8580, 11.0820



Tritanopia

213.9990, -33.7900, -4.3660

Trichromacy



Original Color

212.7940, -31.9550, -10.0910

Protanomaly

216.6010, -12.0580, -1.7380

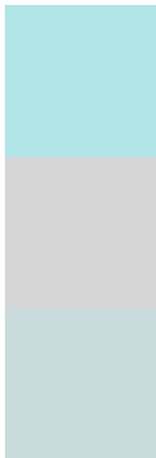
Deuteranomaly

217.9160, -8.3910, 3.3930

Tritanomaly

213.7170, -33.0560, -6.6560

Monochromacy



Original Color

212.7940, -31.9550, -10.0910

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8460, -11.3700, -3.1940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.7940, -31.9550, -10.0910 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, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(176, 228, 231)  
}
```

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, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 228, 231) }
```

Border

The CSS property to change the border of an element to YIQ 212.7940, -31.9550, -10.0910 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, 228, 231) }
```


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

```
.border{ border-color:rgb(176, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(176, 228,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 212.7940, -31.9550, -10.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 228, 231) }
```

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

```
.background{ background-color: rgb(176,  
228, 231) }
```

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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