

Converting Colors

YIQ(221.7340, -31.7260,
-8.7340)

Have a look what the booklet for
YIQ(221.7340, -31.7260, -8.7340)
contains.

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Color

**YIQ(221.7340, -31.7260,
-8.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	BAECF2
RGB	186, 236, 242
RGB Percent	73%, 93%, 95%
CMY	0.2707, 0.0744, 0.0511
CMYK	0.23, 0.02, 0.00, 0.05
HSL	186°, 68%, 84%
HSV	186°, 23%, 95%
XYZ	66.2661, 76.8472, 95.3186
YIQ	221.7340, -31.7260, -8.7340

Conversions

Conversions Part 2

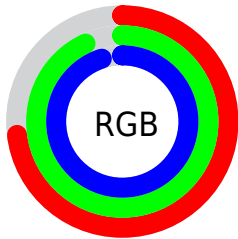
Format	Color
R _Y B	186, 212, 242
Decimal	12250354
CIE Lab	90.25, -14.62, -8.13
CIE LCh	90, 16.731, 209.081
Yxy	76.8472, 0.2779, 0.3223
Android (android.graphics.Color)	4290440434 (0xFFBAECF2)
YUV	221.7340, 9.9911, -31.3387
Hunter-Lab	87.6626, -18.4774, -3.1043

Details

The YIQ color **221.7340, -31.7260, -8.7340** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **206.2660, 31.7260, 8.7340**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4120, -7.1520, -2.5440**, and **166.3320, -30.5340, -8.3100** is the 20% darker color. If you saturate the color by 10%, you get **212.7970, -45.2050, -12.2530**, and if you desaturate by 10%, it is **230.6710, -18.2470, -5.2150**.

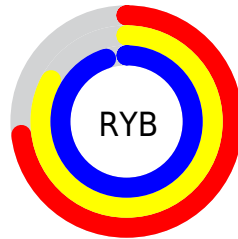
Distribution



Red (73%)

Green (93%)

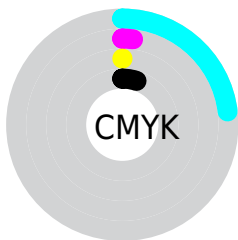
Blue (95%)



Red (73%)

Yellow (83%)

Blue (95%)

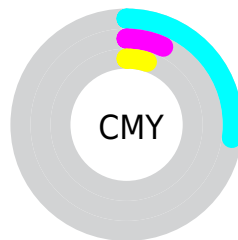


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.7340, -31.7260, -8.7340 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 221.7340, -31.7260, -8.7340 by changing the saturation by 10% instead.

■ 221.7340,
-31.7260, -8.7340

■ 221.7340,
-31.7260, -8.7340

■ 255.0000, -0.0000,
-0.0000

■ 193.7340,
-31.7260, -8.7340

■ 251.4120, -7.1520,
-2.5440

■ 166.0330,
-31.1300, -8.5220

■ 139.3320,
-30.5340, -8.3100

■ 113.6310,
-29.9380, -8.0980

■ 88.3320, -30.5340,
-8.3100

■ 63.6200, -31.4050,
-9.0450

■ 39.1250, -34.3850,

-10.1050

■ 24.4040, -21.8690,
-5.6530

■ 3.8130, -6.6030,
4.0290

■ 221.7340,
-31.7260, -8.7340

■ 221.7340,
-31.7260, -8.7340

■ 212.7970,
-45.2050, -12.2530

■ 230.6710,
-18.2470, -5.2150

■ 204.4470,
-58.9590, -16.2950

■ 239.0210, -4.4930,
-1.1730

■ 195.2110,
-73.0340, -20.0260

■ 247.0610, 7.1980,
1.7100

■ 186.8610,
-86.7880, -24.0680

■ 248.2350, 6.6480,
0.6640

■ 177.9240,
-100.2670, -27.5870

■ 249.9960, 5.8230,
-0.9050

■ 169.5740,
-114.0210, -31.6290

■ 251.1700, 5.2730,
-1.9510

■ 160.6370,
-127.5000, -35.1480

■ 252.9310, 4.4480,
-3.5200

■ 154.3800,
-137.0820, -37.7060

■ 253.5180, 4.1730,
-4.0430

Harmonies

Analogous

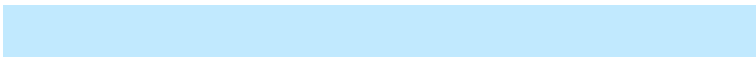
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.9920, -23.8850, -13.1730



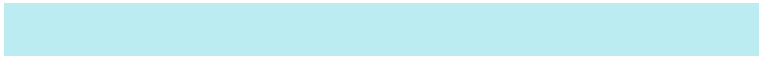
221.7340, -31.7260, -8.7340



223.4340, -30.5810, -1.9490

Triad

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



221.7340, -31.7260, -8.7340



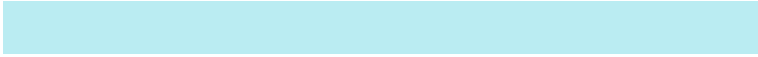
230.5210, 9.2590, 13.9230



226.9510, 18.8910, -6.4610

Complementary

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



221.7340, -31.7260, -8.7340



206.2660, 31.7260, 8.7340

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.



228.4730, 26.4090, 0.4650



221.7340, -31.7260, -8.7340



229.0290, 19.3920, 12.0000

Square

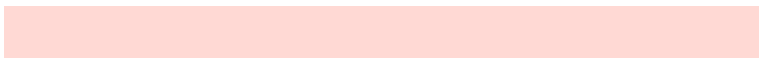
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.7340, -31.7260, -8.7340



228.7410, -6.1000, 11.4360



227.7920, 24.2530, 6.5010



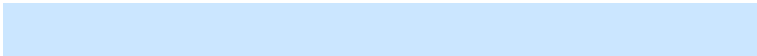
224.9600, 5.5040, -11.6480

Rectangle

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



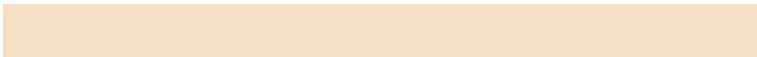
221.7340, -31.7260, -8.7340



224.7770, -24.1170, 2.0510



227.7920, 24.2530, 6.5010



227.3860, 22.1000, -4.0440

Sweetspot

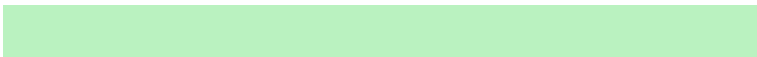
The Sweet Spot groups the original color and five complimentary colors.



221.7340, -31.7260, -8.7340



248.4440, -10.1780, -2.7700



219.5560, -17.3260, -27.4220



123.5370, -6.0060, -1.2860



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.



221.7340, -31.7260, -8.7340



229.0750, -40.1160, -10.8680



205.2980, -24.0260, 5.9100



115.8250, -6.8770, -2.0210



117.2440, -104.1640, -28.5480



35.7340, -31.7260, -8.7340

Inverse Universe

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



208.4440, 17.3260, 27.4220



212.4110, 22.0930, 34.6450



222.7020, 24.0260, -5.9100



112.8420, 3.6210, 5.9650



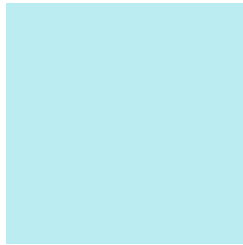
73.7120, 57.0200, 90.0120



22.4440, 17.3260, 27.4220

Previews

White Background



This preview shows how the YIQ color 221.7340, -31.7260, -8.7340 looks on a white background.

Color Contrast Check

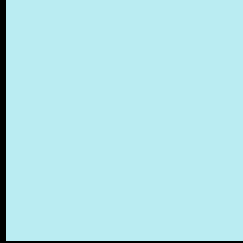
Large Text (above 18pt) WCAG AA × Fail

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 221.7340, -31.7260, -8.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

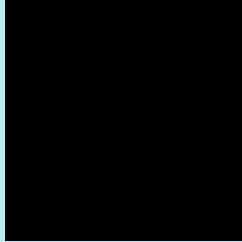
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.7340, -31.7260, -8.7340

Background



This preview shows how black text looks on a background with the YIQ color 221.7340, -31.7260, -8.7340.



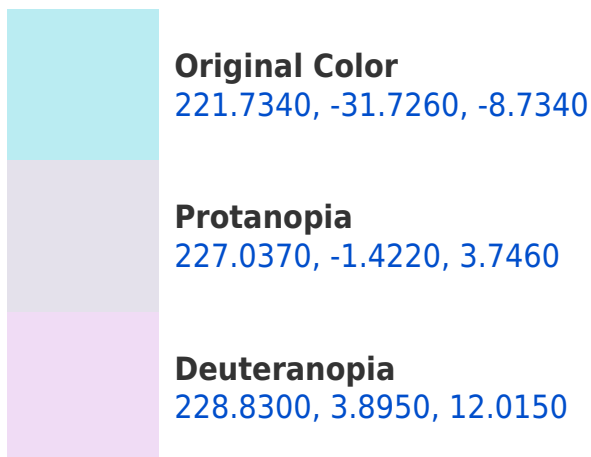
This preview shows how white text looks on a background with the YIQ color 221.7340, -31.7260, -8.7340.

-8.7340.

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

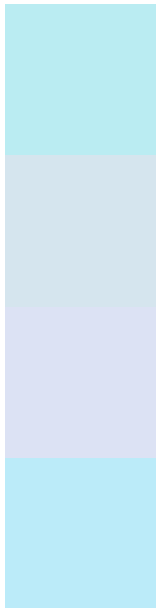




Tritanopia

222.4120, -33.5150, -3.8430

Trichromacy



Original Color

221.7340, -31.7260, -8.7340

Protanomaly

225.2420, -12.4250, -0.5930

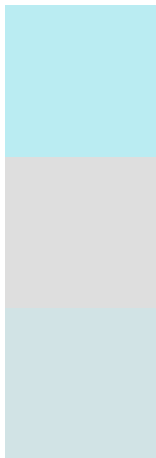
Deuteranomaly

226.2580, -9.3540, 4.3260

Tritanomaly

222.2440, -33.1020, -5.8220

Monochromacy



Original Color

221.7340, -31.7260, -8.7340

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8460, -11.3700, -3.1940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.7340, -31.7260, -8.7340 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(186, 236, 242)` looks like.

```
.text, #text, p{  
    color:rgb(186, 236, 242)  
}
```

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(186, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 236, 242) }
```

Border

The CSS property to change the border of an element to YIQ 221.7340, -31.7260, -8.7340 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(186, 236, 242) }
```


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

```
.border{ border-color:rgb(186, 236, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 236, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 236, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 236, 242);  
box-shadow:4px 4px 4px 4px rgb(186, 236,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 221.7340, -31.7260, -8.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 236, 242) }
```

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

```
.background{ background-color: rgb(186,  
236, 242) }
```

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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