

Converting Colors

YIQ(212.1740, -26.9130,
-2.3450)

Have a look what the booklet for
YIQ(212.1740, -26.9130, -2.3450)
contains.

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Color

**YIQ(212.1740, -26.9130,
-2.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DDEE
RGB	185, 221, 238
RGB Percent	73%, 87%, 93%
CMY	0.2746, 0.1333, 0.0668
CMYK	0.22, 0.07, 0.00, 0.07
HSL	199°, 61%, 83%
HSV	199°, 22%, 93%
XYZ	61.2915, 68.2041, 90.7996
YIQ	212.1740, -26.9130, -2.3450

Conversions

Conversions Part 2

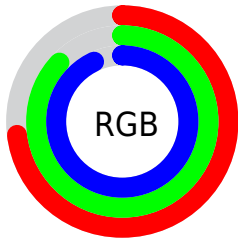
Format	Color
R _{YB}	185, 206, 238
Decimal	12180974
CIE Lab	86.11, -8.15, -12.20
CIE LCh	86, 14.673, 236.265
Yxy	68.2041, 0.2782, 0.3096
Android (android.graphics.Color)	4290371054 (0xFFB9DDEE)
YUV	212.1740, 12.7322, -23.8316
Hunter-Lab	82.5858, -12.0502, -7.3769

Details

The YIQ color $212.1740, -26.9130, -2.3450$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $210.8260, 26.9130, 2.3450$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.1130, -7.7480, -2.7560$, and $157.3590, -25.9960, -2.4440$ is the 20% darker color. If you saturate the color by 10%, you get $200.3020, -39.0170, -3.2490$, and if you desaturate by 10%, it is $224.0460, -14.8090, -1.4410$.

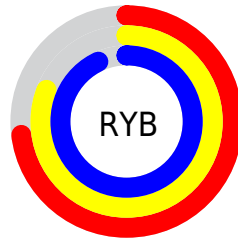
Distribution



Red (73%)

Green (87%)

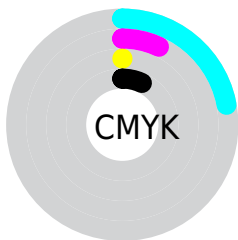
Blue (93%)



Red (73%)

Yellow (81%)

Blue (93%)

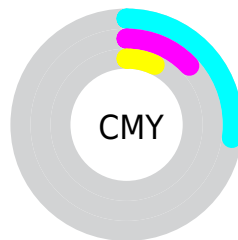


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.1740, -26.9130, -2.3450 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 212.1740, -26.9130, -2.3450 by changing the saturation by 10% instead.

■ 212.1740,
-26.9130, -2.3450

■ 212.1740,
-26.9130, -2.3450

■ 255.0000, -0.0000,
-0.0000

■ 184.4730,
-26.3170, -2.1330

■ 251.1130, -7.7480,
-2.7560

■ 157.3590,
-25.9960, -2.4440

■ 131.2450,
-25.6750, -2.7550

■ 105.5440,
-25.0790, -2.5430

■ 81.1310, -25.3540,
-3.0660

■ 57.1310, -25.3540,
-3.0660

■ 33.2230, -28.6090,

-4.6490

■ 18.0780, -17.8350,
-1.6670

■ 2.0690, -4.4480,
3.5200

■ 212.1740,
-26.9130, -2.3450

■ 212.1740,
-26.9130, -2.3450

■ 200.3020,
-39.0170, -3.2490

■ 224.0460,
-14.8090, -1.4410

■ 189.0170,
-51.3960, -4.6760

■ 235.3310, -2.4300,
-0.0140

■ 177.4440,
-62.9040, -5.3680

■ 246.6050, 8.4820,
0.4660

■ 166.1590,
-75.2830, -6.7950

■ 250.7140, 6.5570,
-3.1950

■ 154.2870,
-87.3870, -7.6990

■ 253.0620, 5.4570,
-5.2870

■ 142.4150,
-99.4910, -8.6030

■ 131.1300,
-111.8700, -10.0300

■ 122.2260,
-120.9480, -10.7080

Harmonies

Analogous

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



210.5990, -26.9120, -7.8720



212.1740, -26.9130, -2.3450



214.5820, -19.0740, 4.2700

Triad

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



212.1740, -26.9130, -2.3450



218.4310, 18.2000, 11.5760



213.3130, 6.0080, -9.7680

Complementary

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



212.1740, -26.9130, -2.3450



210.8260, 26.9130, 2.3450

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.



215.5210, 17.2860, -4.9060



212.1740, -26.9130, -2.3450



218.0200, 23.6110, 7.1230

Square

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



212.1740, -26.9130, -2.3450



217.7980, 6.9210, 12.2410



216.4450, 23.6120, 1.5960



212.0170, -7.8380, -12.1420

Rectangle

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



212.1740, -26.9130, -2.3450



215.9960, -11.3720, 7.8600



216.4450, 23.6120, 1.5960



214.4060, 10.1800, -8.2840

Sweetspot

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



212.1740, -26.9130, -2.3450



246.0960, -9.0780, -0.6780



218.0490, -20.0320, -22.4320



122.3630, -5.4560, -0.2400



0.0000, 0.0000, 0.0000



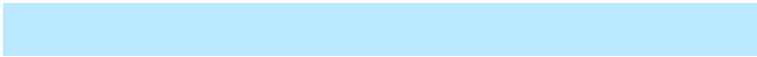
128.0000, -0.0000, -0.0000

Same Dimension

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



212.1740, -26.9130, -2.3450



221.4550, -35.0740, -3.1220



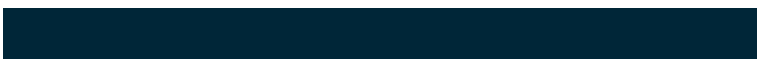
196.9120, -19.7630, 11.2530



114.0640, -6.0520, -0.4520



94.3510, -93.4390, -8.1510



28.6900, -28.4260, -2.4580

Inverse Universe

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



204.9510, 20.0320, 22.4320



211.9890, 26.0370, 29.2450



226.0880, 19.7630, -11.2530



112.5000, 4.5840, 5.0320



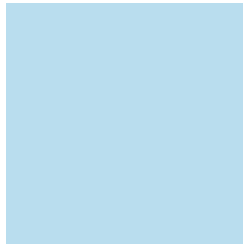
69.2660, 69.5390, 77.8830



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 212.1740, -26.9130, -2.3450 looks on a white background.

Color Contrast Check

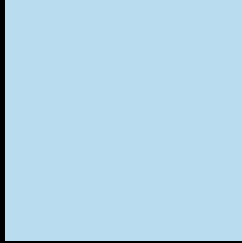
Large Text (above 18pt) WCAG AA × Fail

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 212.1740, -26.9130, -2.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

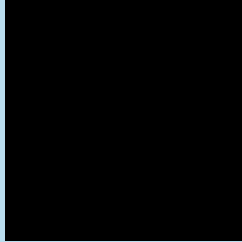
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

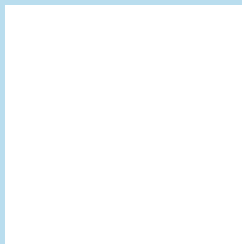
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.1740, -26.9130, -2.3450

Background



This preview shows how black text looks on a background with the YIQ color 212.1740, -26.9130, -2.3450.



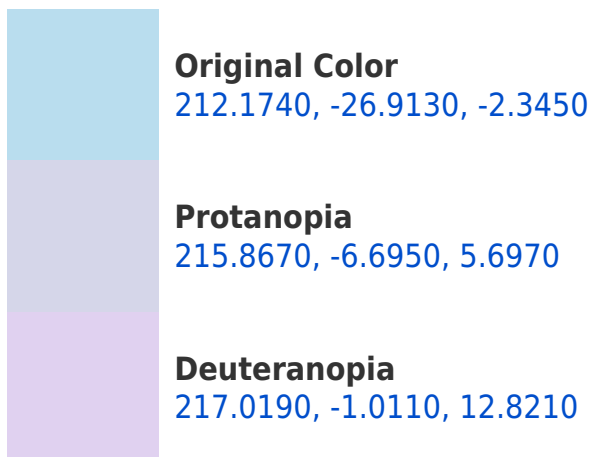
This preview shows how white text looks on a background with the YIQ color 212.1740, -26.9130,

-2.3450.

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

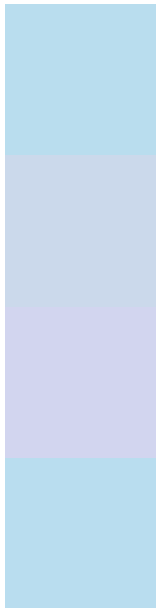




Tritanopia

212.2880, -27.2340, -2.0340

Trichromacy



Original Color

212.1740, -26.9130, -2.3450

Protanomaly

214.8660, -14.1220, 2.6300

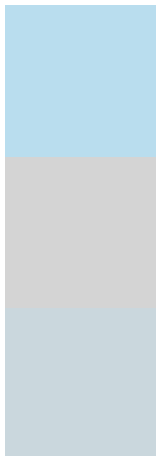
Deuteranomaly

215.0670, -10.1340, 7.4500

Tritanomaly

212.2880, -27.2340, -2.0340

Monochromacy



Original Color

212.1740, -26.9130, -2.3450

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.7970, -9.6740, -0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.1740, -26.9130, -2.3450 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(185, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(185, 221, 238)  
}
```

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(185, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 221, 238) }
```

Border

The CSS property to change the border of an element to YIQ 212.1740, -26.9130, -2.3450 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(185, 221, 238) }
```


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

```
.border{ border-color:rgb(185, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 221, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 221, 238); box-shadow:4px 4px 4px 4px rgb(185, 221, 238) }
```

Background

The CSS property to change the background color of an element to YIQ 212.1740, -26.9130, -2.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 221, 238) }
```

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

```
.background{ background-color: rgb(185,  
221, 238) }
```

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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