

Converting Colors

YIQ(229.9260, -14.3510, 1.2730)

Have a look what the booklet for
YIQ(229.9260, -14.3510, 1.2730)
contains.

YIQ(229.9260, -14.3510, 1.2730)	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(229.9260, -14.3510,
1.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E9F8
RGB	217, 233, 248
RGB Percent	85%, 91%, 97%
CMY	0.1490, 0.0862, 0.0275
CMYK	0.12, 0.06, 0.00, 0.03
HSL	209°, 69%, 91%
HSV	209°, 12%, 97%
XYZ	74.6945, 79.8085, 100.2605
YIQ	229.9260, -14.3510, 1.2730

Conversions

Conversions Part 2

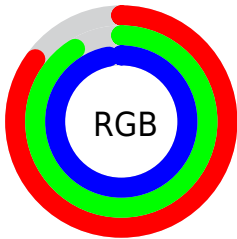
Format	Color
R _Y B	217, 228, 248
Decimal	14281208
CIE Lab	91.60, -2.38, -9.06
CIE LCh	92, 9.367, 255.290
Yxy	79.8085, 0.2932, 0.3133
Android (android.graphics.Color)	4292471288 (0xFFD9E9F8)
YUV	229.9260, 8.9105, -11.3361
Hunter-Lab	89.3356, -7.0914, -4.0057

Details

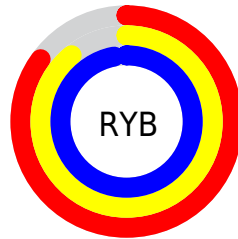
The YIQ color $229.9260, -14.3510, 1.2730$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.0740, 14.3510, -1.2730$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.2250, -13.7550, 1.4850$ is the 20% darker color. If you saturate the color by 10%, you get $215.4070, -25.9510, 2.2490$, and if you desaturate by 10%, it is $244.4450, -2.7510, 0.2970$.

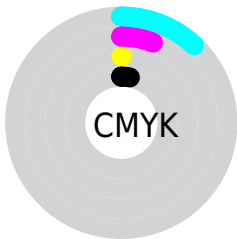
Distribution



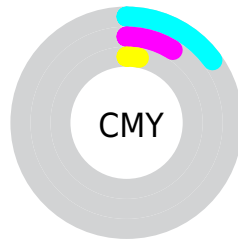
- Red (85%)
- Green (91%)
- Blue (97%)



- Red (85%)
- Yellow (89%)
- Blue (97%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.9260, -14.3510, 1.2730 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 229.9260, -14.3510, 1.2730 by changing the saturation by 10% instead.

■ 229.9260,
-14.3510, 1.2730

■ 229.9260,
-14.3510, 1.2730

255.0000, -0.0000,
-0.0000

■ 201.8120,
-14.0300, 0.9620

■ 174.2250,
-13.7550, 1.4850

■ 148.1110,
-13.4340, 1.1740

■ 121.9970,
-13.1130, 0.8630

■ 96.9970, -13.1130,
0.8630

■ 73.1820, -12.1960,
0.7640

■ 50.1820, -12.1960,

0.7640

■ 29.0680, -11.8750,
0.4530

■ 7.9050, -9.8580,
2.4460

■ 229.9260,
-14.3510, 1.2730

■ 229.9260,
-14.3510, 1.2730

■ 215.4070,
-25.9510, 2.2490

■ 244.4450, -2.7510,
0.2970

■ 200.8880,
-37.5510, 3.2250

■ 254.2020, 2.2470,
-2.1770

■ 186.6680,
-48.5550, 4.4130

■ 172.1490,
-60.1550, 5.3890

■ 157.6300,
-71.7550, 6.3650

■ 143.1110,
-83.3550, 7.3410

■ 128.5920,
-94.9550, 8.3170

■ 114.3720,
-105.9590, 9.5050

■ 103.4080,
-114.8080, 10.1840

Harmonies

Analogous

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



228.4370, -17.4680, -2.8120



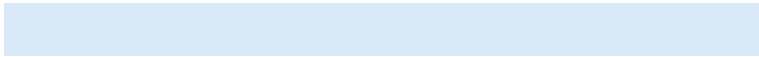
229.9260, -14.3510, 1.2730



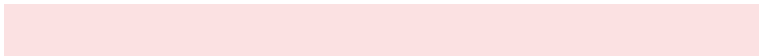
231.1550, -7.5660, 4.9620

Triad

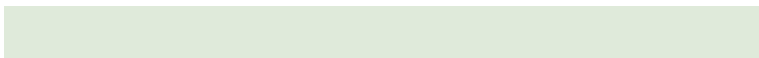
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.9260, -14.3510, 1.2730



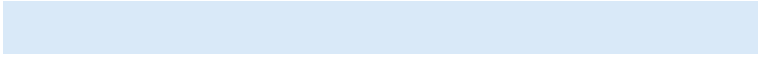
232.8880, 15.1750, 5.8230



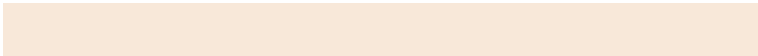
228.8870, -1.4200, -7.3080

Complementary

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



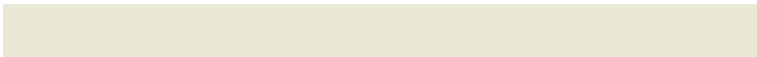
229.9260, -14.3510, 1.2730



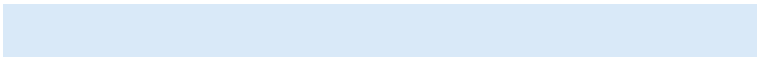
235.0740, 14.3510, -1.2730

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.



230.5460, 6.9700, -5.1740



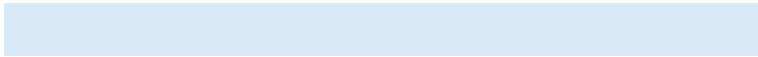
229.9260, -14.3510, 1.2730



231.9650, 16.2760, 2.3880

Square

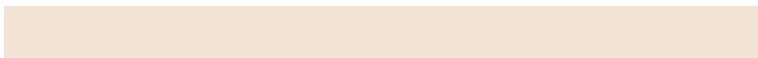
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.9260, -14.3510, 1.2730



232.8320, 9.5810, 8.0850



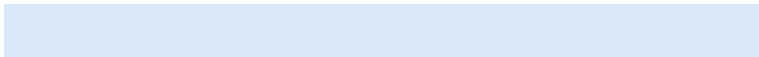
231.4760, 13.1590, -1.6970



228.2820, -9.9020, -7.7740

Rectangle

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



229.9260, -14.3510, 1.2730



232.1450, -1.6060, 7.0820



231.4760, 13.1590, -1.6970



229.8550, 1.6060, -7.0820

Sweetspot

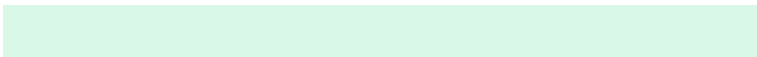
The Sweet Spot groups the original color and five complimentary colors.



229.9260, -14.3510, 1.2730



249.0750, -4.5850, 0.4950



236.7930, -13.0190, -11.8590



123.5590, -3.0720, 0.6080



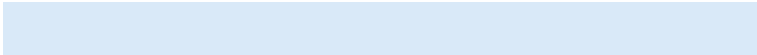
0.0000, 0.0000, 0.0000



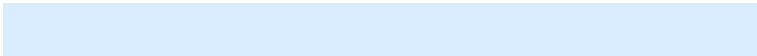
128.0000, -0.0000, -0.0000

Same Dimension

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



229.9260, -14.3510, 1.2730



233.0720, -17.6980, 1.3580



221.1210, -10.2260, 9.1180



117.5910, -6.0980, 0.3820



79.0720, -87.6190, 7.5250



25.7380, -28.3810, 2.2350

Inverse Universe

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



228.0930, 13.3400, 11.5480



230.6420, 16.2280, 14.2760



243.8790, 10.2260, -9.1180



116.6850, 5.5010, 4.9330



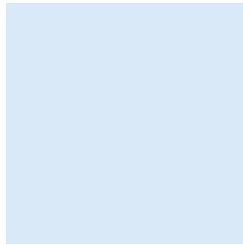
67.6830, 81.1860, 70.5460



21.8870, 26.0840, 22.8840

Previews

White Background



This preview shows how the YIQ color 229.9260, -14.3510, 1.2730 looks on a white background.

Color Contrast Check

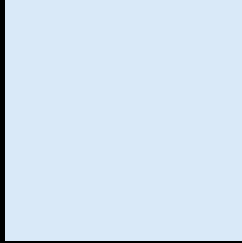
Large Text (above 18pt) WCAG AA × Fail

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 229.9260, -14.3510, 1.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

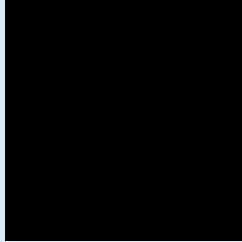
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

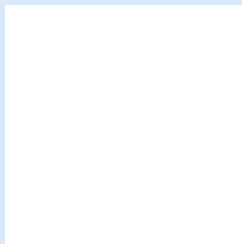
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.9260, -14.3510, 1.2730

Background



This preview shows how black text looks on a background with the YIQ color 229.9260, -14.3510, 1.2730.



This preview shows how white text looks on a background with the YIQ color 229.9260, -14.3510,

1.2730.

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

229.9260, -14.3510, 1.2730

Protanopia

231.2370, -4.8610, 5.4990

Deuteranopia

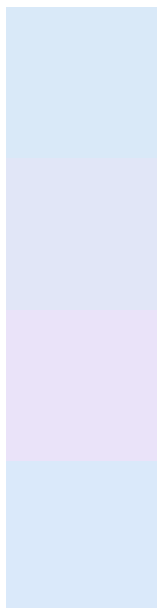
232.9440, 3.5740, 12.3260



Tritanopia

230.5670, -14.7180, 2.4180

Trichromacy



Original Color

229.9260, -14.3510, 1.2730

Protanomaly

230.4430, -8.4370, 4.2270

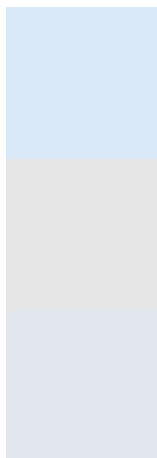
Deuteranomaly

231.6010, -2.8900, 8.3260

Tritanomaly

230.4530, -14.3970, 2.1070

Monochromacy



Original Color

229.9260, -14.3510, 1.2730

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.8900, -5.5020, 0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.9260, -14.3510, 1.2730 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(217, 233, 248)` looks like.

```
.text, #text, p{  
    color:rgb(217, 233, 248)  
}
```

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(217, 233, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 233, 248) }
```

Border

The CSS property to change the border of an element to YIQ 229.9260, -14.3510, 1.2730 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(217, 233, 248) }
```


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

```
.border{ border-color:rgb(217, 233, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 233, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 233, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 233, 248);  
box-shadow:4px 4px 4px 4px rgb(217, 233,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 229.9260, -14.3510, 1.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 233, 248) }
```

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

```
.background{ background-color: rgb(217,  
233, 248) }
```

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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