

Converting Colors

YIQ(228.9740, -14.3060, 5.9660)

Have a look what the booklet for
YIQ(228.9740, -14.3060, 5.9660)
contains.

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Color

**YIQ(228.9740, -14.3060,
5.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE5FF
RGB	219, 229, 255
RGB Percent	86%, 90%, 100%
CMY	0.1412, 0.1019, 0.0001
CMYK	0.14, 0.10, 0.00, 0.00
HSL	223°, 100%, 93%
HSV	223°, 14%, 100%
XYZ	75.2802, 78.3195, 105.7407
YIQ	228.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

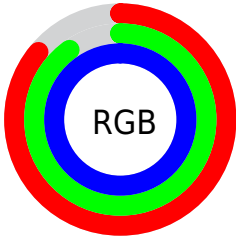
Format	Color
R _Y B	219, 227, 255
Decimal	14411263
CIE Lab	90.93, 1.73, -13.70
CIE LCh	91, 13.811, 277.182
Yxy	78.3195, 0.2903, 0.3020
Android (android.graphics.Color)	4292601343 (0xFFDBE5FF)
YUV	228.9740, 12.8308, -8.7472
Hunter-Lab	88.4983, -3.0328, -8.8928

Details

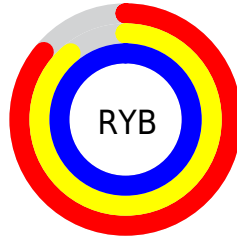
The YIQ color $228.9740, -14.3060, 5.9660$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.0260, 14.3060, -5.9660$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.7460, -13.6640, 5.3440$ is the 20% darker color. If you saturate the color by 10%, you get $210.9330, -24.2560, 10.0800$, and if you desaturate by 10%, it is $247.0150, -4.3560, 1.8520$.

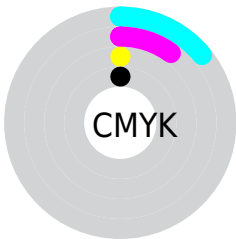
Distribution



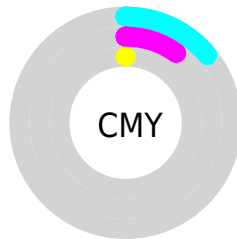
- Red (86%)
- Green (90%)
- Blue (100%)



- Red (86%)
- Yellow (89%)
- Blue (100%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.9740, -14.3060, 5.9660 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 228.9740, -14.3060, 5.9660 by changing the saturation by 10% instead.

■ 228.9740,
-14.3060, 5.9660

■ 228.9740,
-14.3060, 5.9660

255.0000, -0.0000,
-0.0000

■ 200.8600,
-13.9850, 5.6550

■ 173.7460,
-13.6640, 5.3440

■ 146.7460,
-13.6640, 5.3440

■ 120.9310,
-12.7470, 5.2450

■ 96.5180, -13.0220,
4.7220

■ 72.4040, -12.7010,
4.4110

■ 49.2900, -12.3800,

4.1000

■ 28.7630, -12.3340,
3.2660

■ 4.8390, -9.4920,
6.8280

■ 228.9740,
-14.3060, 5.9660

■ 228.9740,
-14.3060, 5.9660

■ 210.9330,
-24.2560, 10.0800

■ 247.0150, -4.3560,
1.8520

■ 192.0060,
-34.5270, 14.5050

255.0000, -0.0000,
-0.0000

■ 173.9650,
-44.4770, 18.6190

■ 155.0380,
-54.7480, 23.0440

■ 136.9970,
-64.6980, 27.1580

■ 118.6570,
-75.2440, 31.0600

■ 100.0290,
-84.9190, 35.6970

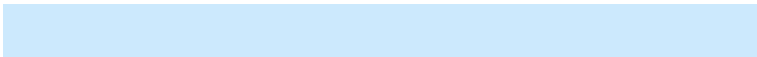
■ 81.6890, -95.4650,
39.5990

■ 70.7470,
-101.3800, 42.1720

Harmonies

Analogous

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



226.6090, -23.7040, 0.0720



228.9740, -14.3060, 5.9660



231.1390, -1.4690, 10.1070

Triad

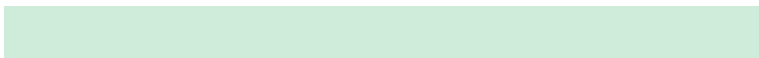
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.9740, -14.3060, 5.9660



230.3680, 22.5110, 5.0310



225.2770, -11.5060, -11.7460

Complementary

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



228.9740, -14.3060, 5.9660



245.0260, 14.3060, -5.9660

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.



226.5620, 0.8730, -10.3190



228.9740, -14.3060, 5.9660



229.8960, 20.7240, -1.1320

Square

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



228.9740, -14.3060, 5.9660



231.1490, 18.9340, 9.2860



228.4280, 13.1140, -6.3900



224.7690, -21.6390, -9.8230

Rectangle

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



228.9740, -14.3060, 5.9660



231.3850, 6.6460, 11.7180



228.4280, 13.1140, -6.3900



225.7290, -6.9670, -11.4070

Sweetspot

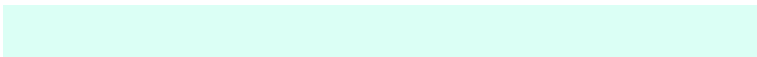
The Sweet Spot groups the original color and five complimentary colors.



228.9740, -14.3060, 5.9660



247.9010, -4.0350, 1.5410



243.0960, -18.2460, -10.7420



122.9720, -2.7970, 1.1310



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.



228.9740, -14.3060, 5.9660



223.9460, -17.1030, 7.0970



225.4960, -6.7880, 12.8920



118.2430, -4.9980, 2.4740



52.8850, -75.8860, 31.6820



17.8620, -25.4940, 10.4900

Inverse Universe

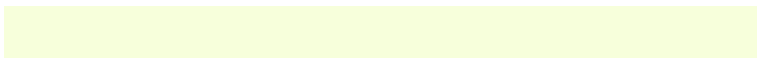
The Inverse Universe completely reimagines the original color for something new.



230.9040, 18.2460, 10.7420



226.2250, 21.7760, 12.8480



248.5040, 6.7880, -12.8920



119.2290, 6.7850, 3.6890



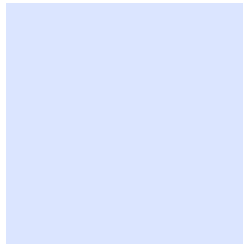
63.1510, 96.8230, 56.9750



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 228.9740, -14.3060, 5.9660 looks on a white background.

Color Contrast Check

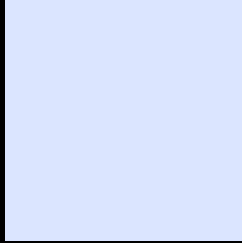
Large Text (above 18pt) WCAG AA × Fail

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 228.9740, -14.3060, 5.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

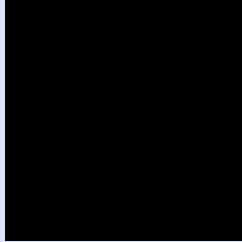
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.9740, -14.3060, 5.9660

Background



This preview shows how black text looks on a background with the YIQ color 228.9740, -14.3060, 5.9660.



This preview shows how white text looks on a background with the YIQ color 228.9740, -14.3060,

5.9660.

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

228.9740, -14.3060, 5.9660

Protanopia

229.4800, -9.8590, 7.9730

Deuteranopia

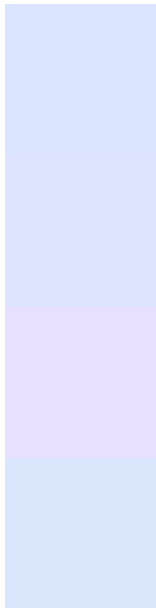
231.1330, -1.3320, 13.1320



Tritanopia

228.4640, -12.9300, 3.0540

Trichromacy



Original Color

228.9740, -14.3060, 5.9660

Protanomaly

229.4690, -11.3260, 7.0260

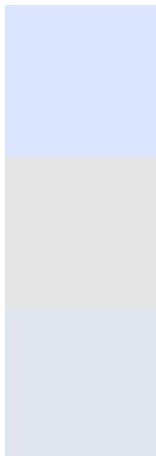
Deuteranomaly

230.2140, -6.0540, 10.6020

Tritanomaly

228.8060, -13.8930, 3.9870

Monochromacy



Original Color

228.9740, -14.3060, 5.9660

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.8300, -5.2730, 1.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.9740, -14.3060, 5.9660 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(219, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 255)  
}
```

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(219, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 255) }
```

Border

The CSS property to change the border of an element to YIQ 228.9740, -14.3060, 5.9660 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(219, 229, 255) }
```


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

```
.border{ border-color:rgb(219, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 229,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 228.9740, -14.3060, 5.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 255) }
```

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

```
.background{ background-color: rgb(219,  
229, 255) }
```

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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