

Converting Colors

YIQ(210.2980, -24.0260, 5.9100)

Have a look what the booklet for
YIQ(210.2980, -24.0260, 5.9100)
contains.

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Color

**YIQ(210.2980, -24.0260,
5.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFD5F7</code>
RGB	191, 213, 247
RGB Percent	75%, 84%, 97%
CMY	0.2510, 0.1647, 0.0315
CMYK	0.23, 0.14, 0.00, 0.03
HSL	216°, 78%, 86%
HSV	216°, 23%, 97%
XYZ	62.0642, 65.3820, 97.3194
YIQ	210.2980, -24.0260, 5.9100

Conversions

Conversions Part 2

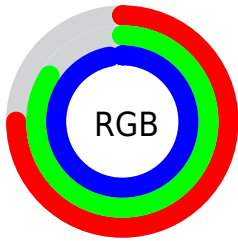
Format	Color
RYB	191, 207, 247
Decimal	12572151
CIELab	84.68, -0.19, -19.07
CIElCh	85, 19.068, 269.444
Yxy	65.3820, 0.2761, 0.2909
Android (android.graphics.Color)	4290762231 (0xFFBFD5F7)
YUV	210.2980, 18.0941, -16.9243
Hunter-Lab	80.8591, -4.4942, -14.7581

Details

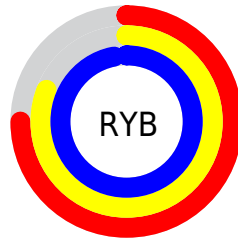
The YIQ color **210.2980, -24.0260, 5.9100** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **227.7020, 24.0260, -5.9100**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, -4.1720, -1.4840**, and **155.4830, -23.1090, 5.8110** is the 20% darker color. If you saturate the color by 10%, you get **194.0180, -34.8010, 8.4550**, and if you desaturate by 10%, it is **226.5780, -13.2510, 3.3650**.

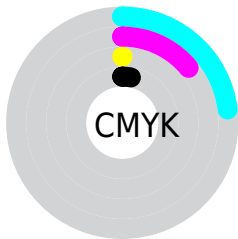
Distribution



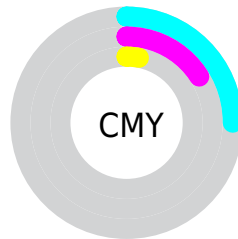
- Red (75%)
- Green (84%)
- Blue (97%)



- Red (75%)
- Yellow (81%)
- Blue (97%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (25%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.2980, -24.0260, 5.9100 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 210.2980, -24.0260, 5.9100 by changing the saturation by 10% instead.

■ 210.2980,
-24.0260, 5.9100

■ 210.2980,
-24.0260, 5.9100

■ 255.0000, -0.0000,
-0.0000

■ 182.1840,
-23.7050, 5.5990

■ 252.9070, -4.1720,
-1.4840

■ 155.4830,
-23.1090, 5.8110

■ 129.2550,
-22.4670, 5.1890

■ 103.8420,
-22.7420, 4.6660

■ 79.7280, -22.4210,
4.3550

■ 55.9020, -22.9710,
3.3090

■ 33.1790, -25.3090,

1.6270

■ 15.3540, -18.4320,
3.6480

■ 2.9810, -7.0160,
6.0080

■ 210.2980,
-24.0260, 5.9100

■ 210.2980,
-24.0260, 5.9100

■ 194.0180,
-34.8010, 8.4550

■ 226.5780,
-13.2510, 3.3650

■ 178.0370,
-44.9800, 11.2120

■ 242.5590, -3.0720,
0.6080

■ 161.7570,
-55.7550, 13.7570

■ 254.0880, 2.5680,
-2.4880

■ 145.4770,
-66.5300, 16.3020

■ 129.4960,
-76.7090, 19.0590

■ 113.2160,
-87.4840, 21.6040

■ 96.9360, -98.2590,
24.1490

■ 85.0970,
-105.9620, 26.0860

Harmonies

Analogous

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



206.9820, -35.1200, -2.2880



210.2980, -24.0260, 5.9100



213.1970, -7.3840, 12.6800

Triad

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



210.2980, -24.0260, 5.9100



213.9670, 31.1300, 8.5220



206.7560, -11.5970, -15.6050

Complementary

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



210.2980, -24.0260, 5.9100



227.7020, 24.0260, -5.9100

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.



208.9060, 5.5960, -13.3160



210.2980, -24.0260, 5.9100



212.4410, 29.4350, 0.6910

Square

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



210.2980, -24.0260, 5.9100



214.8340, 24.4350, 14.2190



210.9080, 20.4500, -7.1820



205.0840, -27.1400, -14.7560

Rectangle

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



210.2980, -24.0260, 5.9100



214.4220, 5.2240, 15.4640



210.9080, 20.4500, -7.1820



207.3930, -6.1410, -15.3650

Sweetspot

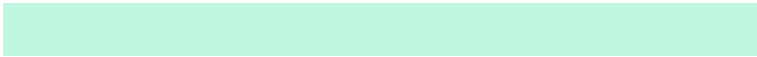
The Sweet Spot groups the original color and five complimentary colors.



210.2980, -24.0260, 5.9100



243.1610, -7.7030, 1.9370



227.7480, -26.3140, -18.7140



120.6020, -4.6310, 1.3290



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.



210.2980, -24.0260, 5.9100



209.7150, -29.5740, 7.3380



199.1780, -14.4000, 18.6880



114.3030, -5.2270, 1.1170



64.0550, -79.7810, 19.6670



20.2270, -25.2640, 6.3200

Inverse Universe

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



210.2520, 26.3140, 18.7140



209.7090, 32.4570, 23.0250



238.8220, 14.4000, -18.6880



114.1580, 5.5470, 4.0990



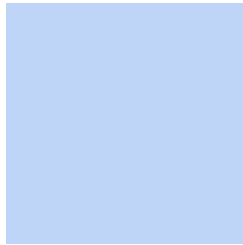
63.9360, 87.4230, 62.1350



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 210.2980, -24.0260, 5.9100 looks on a white background.

Color Contrast Check

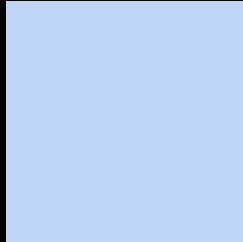
Large Text (above 18pt) WCAG AA × Fail

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 210.2980, -24.0260, 5.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

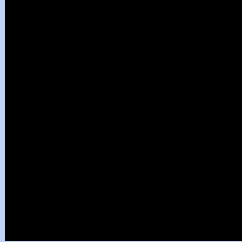
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

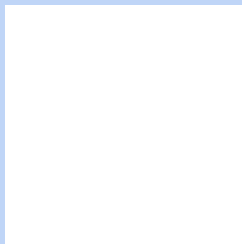
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.2980, -24.0260, 5.9100

Background



This preview shows how black text looks on a background with the YIQ color 210.2980, -24.0260, 5.9100.



This preview shows how white text looks on a background with the YIQ color 210.2980, -24.0260,

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

210.2980, -24.0260, 5.9100

Protanopia

211.9080, -13.9400, 10.3480

Deuteranopia

212.8810, -9.3100, 14.5460



Tritanopia

208.9790, -21.8700, -0.1260

Trichromacy



Original Color

210.2980, -24.0260, 5.9100

Protanomaly

211.1140, -17.5160, 9.0760

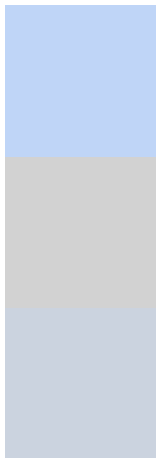
Deuteranomaly

212.2500, -14.9030, 11.2810

Tritanomaly

209.2610, -22.6040, 2.1640

Monochromacy



Original Color

210.2980, -24.0260, 5.9100

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9760, -8.6200, 2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.2980, -24.0260, 5.9100 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(191, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 247)  
}
```

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(191, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 247) }
```

Border

The CSS property to change the border of an element to YIQ 210.2980, -24.0260, 5.9100 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(191, 213, 247) }
```


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

```
.border{ border-color:rgb(191, 213, 247) }
```

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

Here you see how a box with a 4 pixel rgb(191, 213, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(191, 213,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 210.2980, -24.0260, 5.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 247) }
```

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

```
.background{ background-color: rgb(191,  
213, 247) }
```

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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