

Converting Colors

YIQ(228.4190, -26.2250,
-3.8010)

Have a look what the booklet for
YIQ(228.4190, -26.2250, -3.8010)
contains.

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Color

**YIQ(228.4190, -26.2250,
-3.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EEFB
RGB	201, 238, 251
RGB Percent	79%, 93%, 98%
CMY	0.2118, 0.0666, 0.0158
CMYK	0.20, 0.05, 0.00, 0.02
HSL	196°, 86%, 89%
HSV	196°, 20%, 98%
XYZ	72.0690, 80.5360, 102.9893
YIQ	228.4190, -26.2250, -3.8010

Conversions

Conversions Part 2

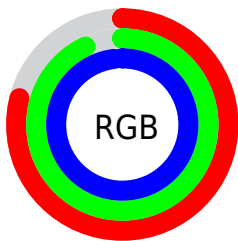
Format	Color
R _Y B	201, 222, 251
Decimal	13233915
CIE Lab	91.92, -9.25, -10.25
CIE LCh	92, 13.807, 227.914
Yxy	80.5360, 0.2820, 0.3151
Android (android.graphics.Color)	4291423995 (0xFFC9EEFB)
YUV	228.4190, 11.1324, -24.0465
Hunter-Lab	89.7419, -13.7003, -5.2229

Details

The YIQ color $228.4190, -26.2250, -3.8010$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $223.5810, 26.2250, 3.8010$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.6040, -25.3080, -3.9000$ is the 20% darker color. If you saturate the color by 10%, you get $217.4220, -39.4750, -5.9630$, and if you desaturate by 10%, it is $240.0030, -13.2500, -2.1620$.

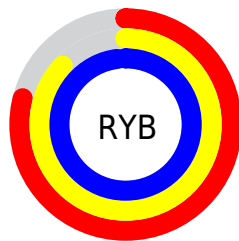
Distribution



Red (79%)

Green (93%)

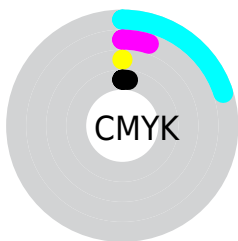
Blue (98%)



Red (79%)

Yellow (87%)

Blue (98%)

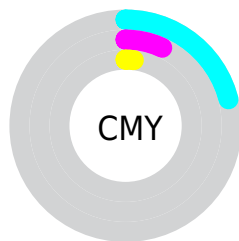


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (7%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.4190, -26.2250, -3.8010 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 228.4190, -26.2250, -3.8010 by changing the saturation by 10% instead.

■ 228.4190,
-26.2250, -3.8010

■ 228.4190,
-26.2250, -3.8010

255.0000, -0.0000,
-0.0000

■ 200.3050,
-25.9040, -4.1120

■ 172.6040,
-25.3080, -3.9000

■ 145.9030,
-24.7120, -3.6880

■ 119.9030,
-24.7120, -3.6880

■ 95.0880, -23.7950,
-3.7870

■ 70.7890, -24.3910,
-3.9990

■ 47.3760, -24.6660,

-4.5220

■ 25.6750, -24.0700,
-4.3100

■ 11.0680, -11.8750,
0.4530

■ 228.4190,
-26.2250, -3.8010

■ 228.4190,
-26.2250, -3.8010

■ 217.4220,
-39.4750, -5.9630

■ 240.0030,
-13.2500, -2.1620

■ 205.8380,
-52.4500, -7.6020

■ 251.0000, 0.0000,
-0.0000

■ 194.8410,
-65.7000, -9.7640

■ 254.5440, 1.2840,
-1.2440

■ 183.2570,
-78.6750, -11.4030

■ 171.9610,
-92.5210, -13.7770

■ 160.3770,
-105.4960, -15.4160

■ 149.3800,
-118.7460, -17.5780

■ 137.7960,
-131.7210, -19.2170

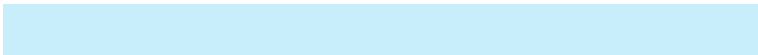
Harmonies

Analogous

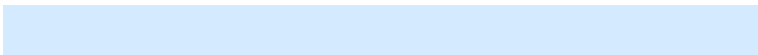
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.6270, -24.1150, -9.0030



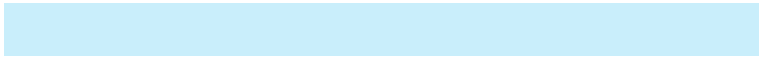
228.4190, -26.2250, -3.8010



230.4030, -20.1280, 1.3440

Triad

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



228.4190, -26.2250, -3.8010



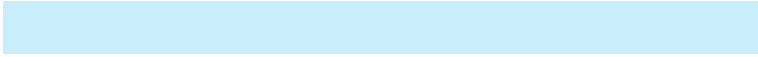
234.2780, 14.2570, 11.4490



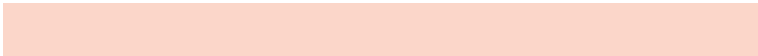
230.3350, 8.9420, -7.8740

Complementary

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



228.4190, -26.2250, -3.8010



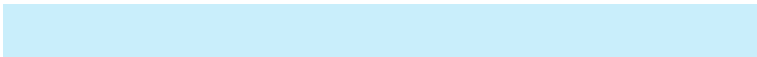
223.5810, 26.2250, 3.8010

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.



232.0590, 18.7070, -3.1250



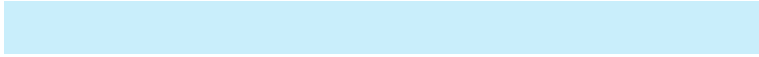
228.4190, -26.2250, -3.8010



232.6820, 18.7510, 7.0950

Square

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



228.4190, -26.2250, -3.8010



234.1180, 3.0240, 11.2800



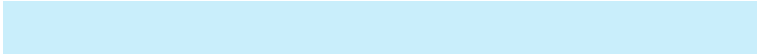
232.6020, 21.7320, 2.6280



228.9960, -3.3450, -10.9690

Rectangle

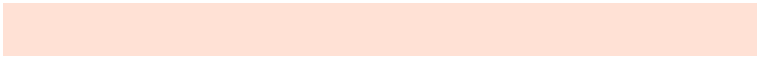
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



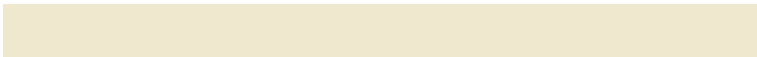
228.4190, -26.2250, -3.8010



231.6320, -13.3430, 5.0330



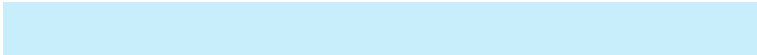
232.6020, 21.7320, 2.6280



231.1290, 12.5180, -6.6020

Sweetspot

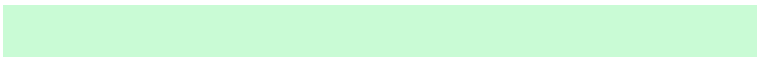
The Sweet Spot groups the original color and five complimentary colors.



228.4190, -26.2250, -3.8010



248.1670, -7.8400, -1.0880



231.7180, -17.6020, -22.4180



123.5480, -4.5390, -0.3390



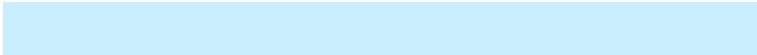
0.0000, 0.0000, 0.0000



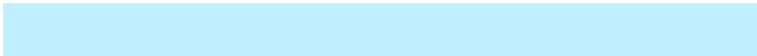
128.0000, -0.0000, -0.0000

Same Dimension

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



228.4190, -26.2250, -3.8010



227.3690, -31.9560, -4.5640



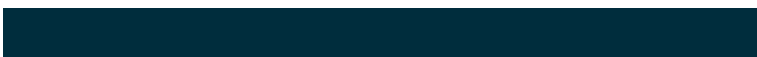
213.7440, -19.3500, 9.2740



119.3520, -6.9230, -1.1870



103.7260, -99.1690, -14.4410



33.3690, -31.9560, -4.5640

Inverse Universe

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



220.1680, 17.9230, 22.1070



217.3690, 21.9110, 26.9270



237.6690, 19.6250, -8.7510



117.0270, 4.5380, 5.8660



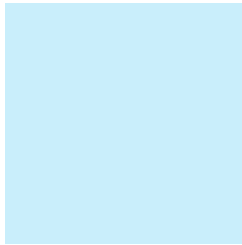
72.4710, 67.7040, 83.6080



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 228.4190, -26.2250, -3.8010 looks on a white background.

Color Contrast Check

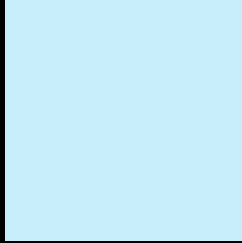
Large Text (above 18pt) WCAG AA × Fail

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 228.4190, -26.2250, -3.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

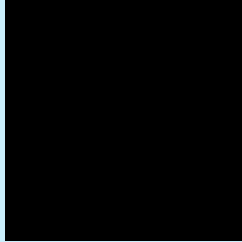
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.4190, -26.2250, -3.8010

Background



This preview shows how black text looks on a background with the YIQ color 228.4190, -26.2250, -3.8010.



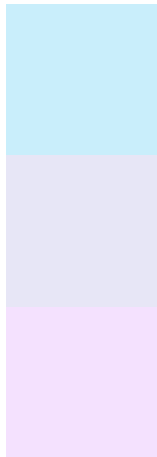
This preview shows how white text looks on a background with the YIQ color 228.4190, -26.2250, -3.8010.

-3.8010.

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

228.4190, -26.2250, -3.8010

Protanopia

232.1230, -4.5400, 5.1880

Deuteranopia

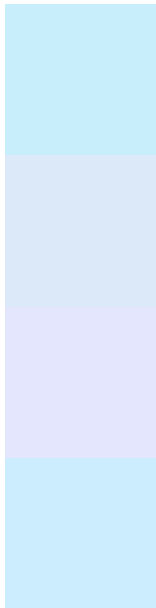
233.9870, 2.0150, 13.0470



Tritanopia

229.1850, -25.4460, -1.3980

Trichromacy



Original Color

228.4190, -26.2250, -3.8010

Protanomaly

230.8230, -12.5630, 1.9090

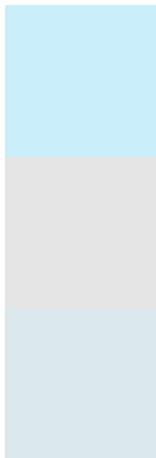
Deuteranomaly

232.0240, -8.5750, 6.7290

Tritanomaly

228.7720, -25.7210, -1.9210

Monochromacy



Original Color

228.4190, -26.2250, -3.8010

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2700, -9.6280, -1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.4190, -26.2250, -3.8010 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(201, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 251)  
}
```

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(201, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 251) }
```

Border

The CSS property to change the border of an element to YIQ 228.4190, -26.2250, -3.8010 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(201, 238, 251) }
```


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

```
.border{ border-color:rgb(201, 238, 251) }
```

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

Here you see how a box with a 4 pixel rgb(201, 238, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 251);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 228.4190, -26.2250, -3.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 251) }
```

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

```
.background{ background-color: rgb(201,  
238, 251) }
```

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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