

Converting Colors

YIQ(228.0580, -33.4190,
-27.6190)

Have a look what the booklet for
YIQ(228.0580, -33.4190, -27.6190)
contains.

YIQ(228.0580, -33.4190, -27.6190)	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(228.0580, -33.4190,
-27.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FFDA
RGB	179, 255, 218
RGB Percent	70%, 100%, 85%
CMY	0.2982, 0.0000, 0.1452
CMYK	0.30, 0.00, 0.15, 0.00
HSL	151°, 100%, 85%
HSV	151°, 30%, 100%
XYZ	66.9898, 86.1581, 79.4109
YIQ	228.0580, -33.4190, -27.6190

Conversions

Conversions Part 2

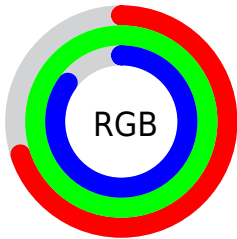
Format	Color
RYB	179, 229, 255
Decimal	11796442
CIELab	94.38, -30.81, 10.28
CIElCh	94, 32.480, 161.542
Yxy	86.1581, 0.2881, 0.3705
Android (android.graphics.Color)	4289986522 (0xFFB3FFDA)
YUV	228.0580, -4.9586, -43.0239
Hunter-Lab	92.8214, -33.6128, 14.2509

Details

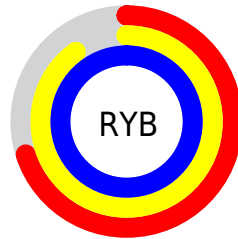
The YIQ color **228.0580, -33.4190, -27.6190** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **205.9420, 33.4190, 27.6190**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3190, -11.3240, -4.0280**, and **171.8840, -32.8690, -26.5730** is the 20% darker color. If you saturate the color by 10%, you get **218.9160, -45.0630, -36.8630**, and if you desaturate by 10%, it is **236.9010, -22.3710, -18.5870**.

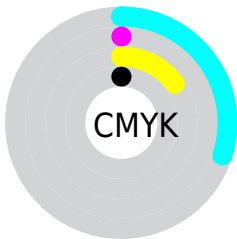
Distribution



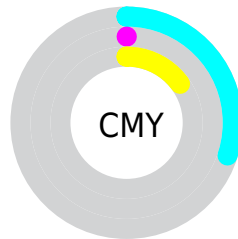
- Red (70%)
- Green (100%)
- Blue (85%)



- Red (70%)
- Yellow (90%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.0580, -33.4190, -27.6190 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 228.0580, -33.4190, -27.6190 by changing the saturation by 10% instead.

■ 228.0580,
-33.4190, -27.6190

■ 228.0580,
-33.4190, -27.6190

255.0000, -0.0000,
-0.0000

■ 199.4710,
-33.1440, -27.0960

■ 249.3190,
-11.3240, -4.0280

■ 171.8840,
-32.8690, -26.5730

■ 144.4110,
-32.9150, -25.7390

■ 118.4110,
-32.9150, -25.7390

■ 92.3400, -34.1530,
-25.3290

■ 64.8770, -40.1590,
-26.6150

■ 44.7040, -32.1820,

-22.5020

■ 28.8090, -19.1160,
-17.0040

■ 14.0880, -6.6000,
-12.5520

■ 228.0580,
-33.4190, -27.6190

■ 228.0580,
-33.4190, -27.6190

■ 218.9160,
-45.0630, -36.8630

■ 236.9010,
-22.3710, -18.5870

■ 209.9590,
-55.7900, -46.2060

■ 246.1570,
-11.0480, -9.0320

■ 200.8170,
-67.4340, -55.4500

255.0000, -0.0000,
-0.0000

■ 191.8600,
-78.1610, -64.7930

■ 182.7180,
-89.8050, -74.0370

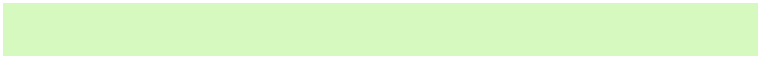
■ 173.7610,
-100.5320, -83.3800

■ 164.6190,
-112.1760, -92.6240

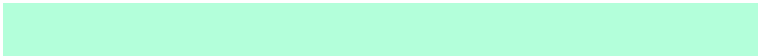
Harmonies

Analogous

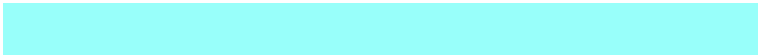
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.9230, -2.2420, -25.4580



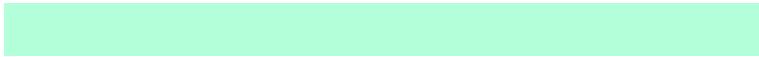
228.0580, -33.4190, -27.6190



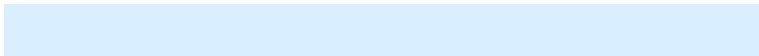
223.6330, -59.7830, -23.3910

Triad

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



228.0580, -33.4190, -27.6190



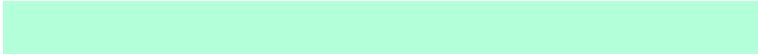
233.6590, -17.9730, 0.8350



228.6580, 27.3260, 0.3660

Complementary

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



228.0580, -33.4190, -27.6190



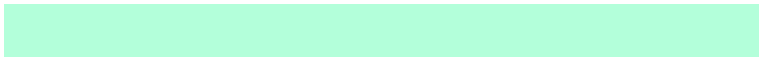
205.9420, 33.4190, 27.6190

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.



229.0290, 19.3920, 12.0000



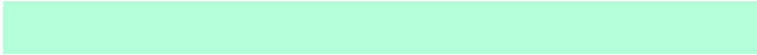
228.0580, -33.4190, -27.6190



238.5640, 7.7000, 14.6440

Square

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



228.0580, -33.4190, -27.6190



226.3840, -45.4800, -12.7760



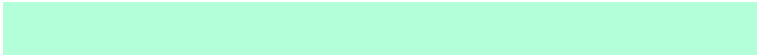
233.2810, 10.1750, 19.3510



231.7750, 30.9500, -10.2500

Rectangle

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



228.0580, -33.4190, -27.6190



222.4090, -64.9640, -23.1080



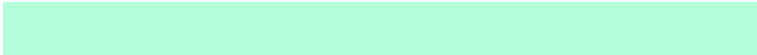
233.2810, 10.1750, 19.3510



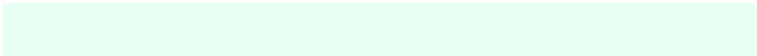
228.3960, 25.3080, 3.9000

Sweetspot

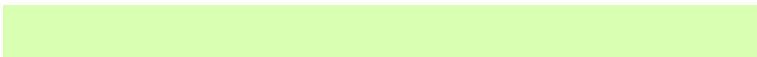
The Sweet Spot groups the original color and five complimentary colors.



228.0580, -33.4190, -27.6190



246.8690, -10.1770, -8.2970



234.9740, 1.7480, -31.6920



122.7170, -6.6930, -5.3570



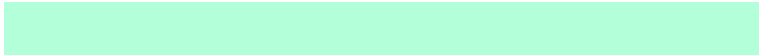
0.0000, 0.0000, 0.0000



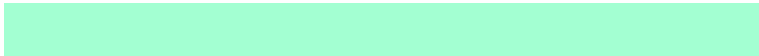
128.0000, -0.0000, -0.0000

Same Dimension

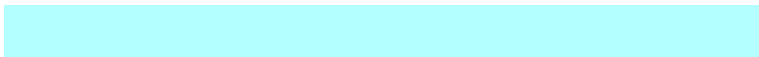
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.0580, -33.4190, -27.6190



222.3620, -40.3870, -33.4990



232.2760, -45.2960, -16.1120



123.3150, -5.5010, -4.9330



123.2890, -83.9830, -69.4150



41.3300, -28.1930, -23.2090

Inverse Universe

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



205.9420, 33.4190, 27.6190



195.6380, 40.3870, 33.4990



201.7240, 45.2960, 16.1120



119.5710, 5.8220, 4.6220



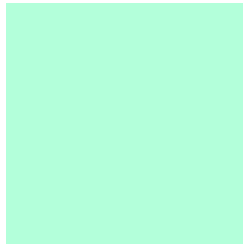
67.7110, 83.9830, 69.4150



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 228.0580, -33.4190, -27.6190 looks on a white background.

Color Contrast Check

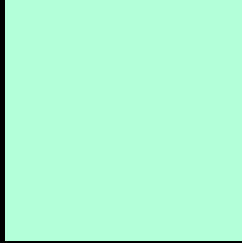
Large Text (above 18pt) WCAG AA × Fail

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 228.0580, -33.4190, -27.6190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

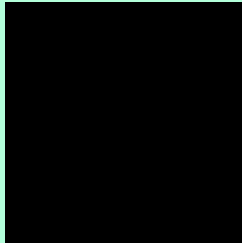
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

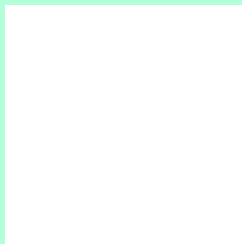
Any Text WCAG AAA ✓ Pass

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

YIQ 228.0580, -33.4190, -27.6190 Background



This preview shows how black text looks on a background with the YIQ color 228.0580, -33.4190, -27.6190.



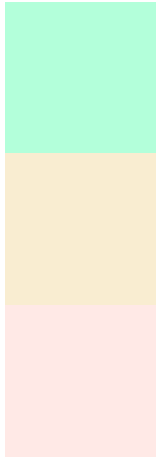
This preview shows how white text looks on a background with the YIQ color 228.0580, -33.4190, -27.6190.

-27.6190.

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

228.0580, -33.4190, -27.6190

Protanopia

237.3960, 16.1400, -6.1640

Deuteranopia

239.2360, 14.0750, 3.7310



Tritanopia

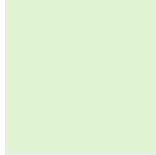
235.9850, -22.0070, -3.1510

Trichromacy



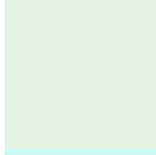
Original Color

228.0580, -33.4190, -27.6190



Protanomaly

234.3720, -1.6480, -14.1920



Deuteranomaly

235.1040, -3.5290, -7.6330



Tritanomaly

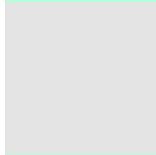
233.2630, -26.0860, -11.8300

Monochromacy



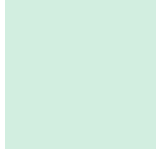
Original Color

228.0580, -33.4190, -27.6190



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.0320, -12.1940, -10.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.0580, -33.4190, -27.6190 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(179, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 218)  
}
```

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(179, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 218) }
```

Border

The CSS property to change the border of an element to YIQ 228.0580, -33.4190, -27.6190 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(179, 255, 218) }
```


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

```
.border{ border-color:rgb(179, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 228.0580, -33.4190, -27.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 218) }
```

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

```
.background{ background-color: rgb(179,  
255, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor