

Converting Colors

YIQ(229.5580, -19.6670,
-12.5230)

Have a look what the booklet for
YIQ(229.5580, -19.6670, -12.5230)
contains.

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Color

**YIQ(229.5580, -19.6670,
-12.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	CBF3E6
RGB	203, 243, 230
RGB Percent	80%, 95%, 90%
CMY	0.2040, 0.0470, 0.0981
CMYK	0.16, 0.00, 0.05, 0.05
HSL	160°, 63%, 87%
HSV	160°, 16%, 95%
XYZ	70.9575, 82.5162, 87.0375
YIQ	229.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

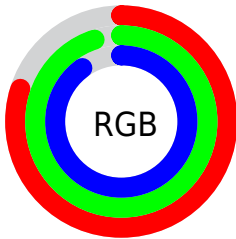
Format	Color
R _{YB}	203, 227, 243
Decimal	13366246
CIE _{Lab}	92.80, -15.39, 1.98
CIE _{LCh}	93, 15.518, 172.687
Yxy	82.5162, 0.2950, 0.3431
Android (android.graphics.Color)	4291556326 (0xFFC _B F3E6)
YUV	229.5580, 0.2179, -23.2914
Hunter-Lab	90.8384, -19.5338, 6.7778

Details

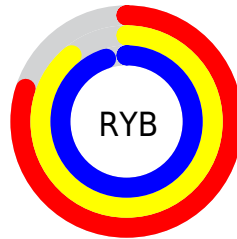
The YIQ color **229.5580, -19.6670, -12.5230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **216.4420, 19.6670, 12.5230**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **173.9710, -19.3920, -12.0000** is the 20% darker color. If you saturate the color by 10%, you get **221.4700, -31.4030, -20.0990**, and if you desaturate by 10%, it is **237.6460, -7.9310, -4.9470**.

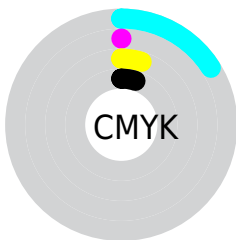
Distribution



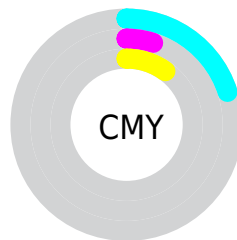
- Red (80%)
- Green (95%)
- Blue (90%)



- Red (80%)
- Yellow (89%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.5580, -19.6670, -12.5230 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 229.5580, -19.6670, -12.5230 by changing the saturation by 10% instead.

■ 229.5580,
-19.6670, -12.5230

■ 229.5580,
-19.6670, -12.5230

255.0000, -0.0000,
-0.0000

■ 201.5580,
-19.6670, -12.5230

■ 173.9710,
-19.3920, -12.0000

■ 147.2700,
-18.7960, -11.7880

■ 121.5690,
-18.2000, -11.5760

■ 95.9820, -17.9250,
-11.0530

■ 72.3950, -17.6500,
-10.5300

■ 49.3950, -17.6500,

-10.5300

■ 27.2100, -18.5670,
-10.4310

■ 11.1360, -6.5550,
-7.8590

■ 229.5580,
-19.6670, -12.5230

■ 229.5580,
-19.6670, -12.5230

■ 221.4700,
-31.4030, -20.0990

■ 237.6460, -7.9310,
-4.9470

■ 213.0830,
-43.7350, -27.8870

■ 246.0330, 4.4010,
2.8410

■ 204.9950,
-55.4710, -35.4630

■ 247.8420, 3.6210,
5.9650

■ 196.9070,
-67.2070, -43.0390

■ 247.9560, 3.3000,
6.2760

■ 188.5200,
-79.5390, -50.8270

■ 180.5460,
-91.5960, -58.0920

■ 172.4580,
-103.3320, -65.6680

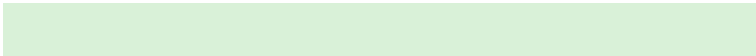
■ 164.3700,
-115.0680, -73.2440

■ 161.3370,
-119.4690, -76.0850

Harmonies

Analogous

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



230.9740, -6.2790, -12.8630



229.5580, -19.6670, -12.5230



229.1750, -28.6540, -9.3420

Triad

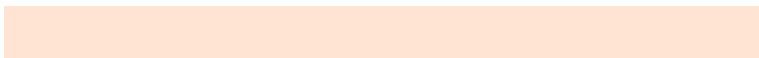
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.5580, -19.6670, -12.5230



234.9210, -6.7870, 7.3650



233.5480, 21.8240, 0.9600

Complementary

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



229.5580, -19.6670, -12.5230



216.4420, 19.6670, 12.5230

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.



233.7420, 18.5220, 5.7380



229.5580, -19.6670, -12.5230



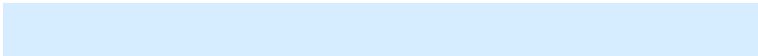
237.1400, 5.9580, 13.1740

Square

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



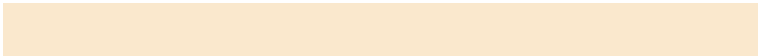
229.5580, -19.6670, -12.5230



232.1750, -19.4860, 0.7220



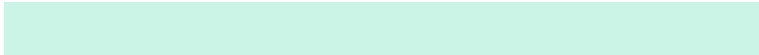
234.9790, 13.6610, 11.2370



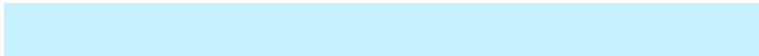
234.3040, 19.3950, -4.5810

Rectangle

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



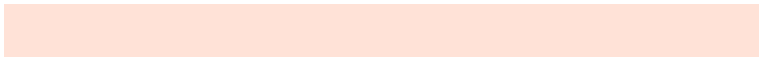
229.5580, -19.6670, -12.5230



230.2120, -30.0760, -5.5960



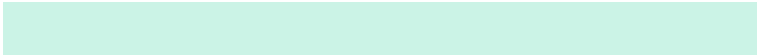
234.9790, 13.6610, 11.2370



233.4170, 20.8150, 2.7270

Sweetspot

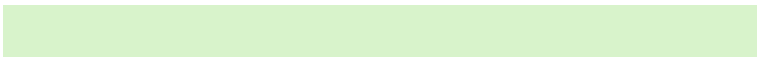
The Sweet Spot groups the original color and five complimentary colors.



229.5580, -19.6670, -12.5230



250.6570, -6.4640, -4.0000



230.3670, -3.2520, -18.1640



125.2660, -3.8050, -2.6290



0.0000, 0.0000, 0.0000



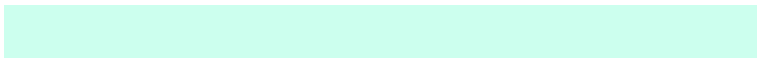
128.0000, -0.0000, -0.0000

Same Dimension

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



229.5580, -19.6670, -12.5230



237.8130, -24.9390, -16.0990



226.9310, -21.9150, -4.8190



117.9560, -5.8680, -3.7880



123.5460, -91.5960, -58.0920



39.1930, -29.0650, -18.4170

Inverse Universe

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



216.4420, 19.6670, 12.5230



221.1870, 24.9390, 16.0990



219.0690, 21.9150, 4.8190



114.0440, 5.8680, 3.7880



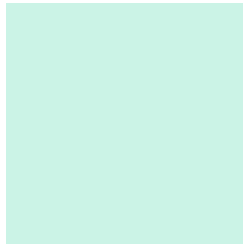
62.5680, 91.2750, 58.4030



19.8070, 29.0650, 18.4170

Previews

White Background



This preview shows how the YIQ color 229.5580, -19.6670, -12.5230 looks on a white background.

Color Contrast Check

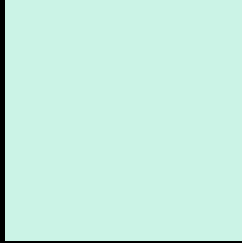
Large Text (above 18pt) WCAG AA × Fail

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 229.5580, -19.6670, -12.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

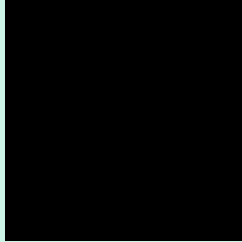
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

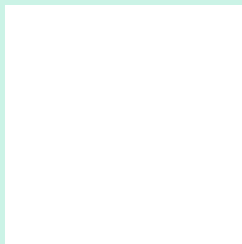
Any Text WCAG AAA ✓ Pass

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

YIQ 229.5580, -19.6670, -12.5230 Background



This preview shows how black text looks on a background with the YIQ color 229.5580, -19.6670, -12.5230.



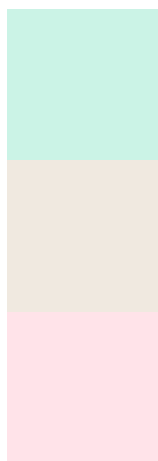
This preview shows how white text looks on a background with the YIQ color 229.5580, -19.6670, -12.5230.

-12.5230.

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

229.5580, -19.6670, -12.5230

Protanopia

234.0670, 7.0610, -1.3150

Deuteranopia

236.0560, 14.7620, 7.8020



Tritanopia

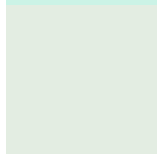
232.1640, -20.9530, -0.2250

Trichromacy



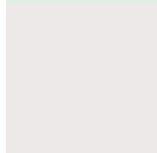
Original Color

229.5580, -19.6670, -12.5230



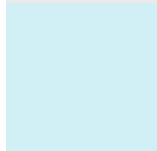
Protanomaly

232.7560, -2.4290, -5.5410



Deuteranomaly

233.7830, 2.1090, 0.3250



Tritanomaly

231.4150, -20.4020, -4.7060

Monochromacy



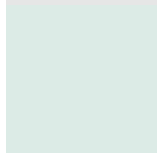
Original Color

229.5580, -19.6670, -12.5230



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.9450, -7.3350, -4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.5580, -19.6670, -12.5230 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(203, 243, 230)` looks like.

```
.text, #text, p{  
    color:rgb(203, 243, 230)  
}
```

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(203, 243, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 243, 230) }
```

Border

The CSS property to change the border of an element to YIQ 229.5580, -19.6670, -12.5230 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(203, 243, 230) }
```


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

```
.border{ border-color:rgb(203, 243, 230) }
```

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

Here you see how a box with a 4 pixel rgb(203, 243, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 243, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 243, 230);  
box-shadow:4px 4px 4px 4px rgb(203, 243,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 229.5580, -19.6670, -12.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 243, 230) }
```

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

```
.background{ background-color: rgb(203,  
243, 230) }
```

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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