

Converting Colors

YIQ(226.4870, -20.9050,
-12.1130)

Have a look what the booklet for
YIQ(226.4870, -20.9050, -12.1130)
contains.

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Color

**YIQ(226.4870, -20.9050,
-12.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F0E5
RGB	199, 240, 229
RGB Percent	78%, 94%, 90%
CMY	0.2197, 0.0587, 0.1020
CMYK	0.17, 0.00, 0.05, 0.06
HSL	164°, 58%, 86%
HSV	164°, 17%, 94%
XYZ	68.8515, 80.1249, 85.9516
YIQ	226.4870, -20.9050, -12.1130

Conversions

Conversions Part 2

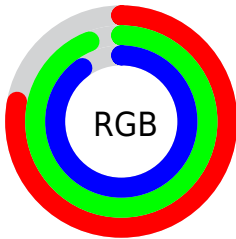
Format	Color
R _Y B	199, 223, 240
Decimal	13103333
CIE Lab	91.74, -15.35, 0.92
CIE LCh	92, 15.378, 176.568
Yxy	80.1249, 0.2931, 0.3411
Android (android.graphics.Color)	4291293413 (0xFFC7F0E5)
YUV	226.4870, 1.2389, -24.1061
Hunter-Lab	89.5125, -19.3477, 5.7273

Details

The YIQ color **226.4870, -20.9050, -12.1130** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **212.5130, 20.9050, 12.1130**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **171.1990, -20.0340, -11.3780** is the 20% darker color. If you saturate the color by 10%, you get **218.6270, -33.2830, -19.0670**, and if you desaturate by 10%, it is **234.3470, -8.5270, -5.1590**.

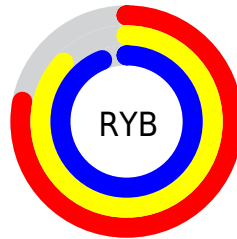
Distribution



Red (78%)

Green (94%)

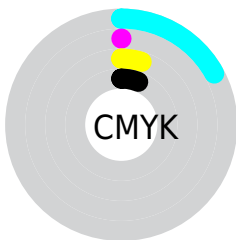
Blue (90%)



Red (78%)

Yellow (87%)

Blue (94%)

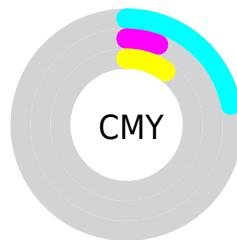


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (22%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.4870, -20.9050, -12.1130 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 226.4870, -20.9050, -12.1130 by changing the saturation by 10% instead.

■ 226.4870,
-20.9050, -12.1130

■ 226.4870,
-20.9050, -12.1130

255.0000, -0.0000,
-0.0000

■ 198.4870,
-20.9050, -12.1130

■ 171.1990,
-20.0340, -11.3780

■ 144.1990,
-20.0340, -11.3780

■ 118.4980,
-19.4380, -11.1660

■ 93.9110, -19.1630,
-10.6430

■ 69.3240, -18.8880,
-10.1200

■ 46.3240, -18.8880,

-10.1200

■ 24.4380, -19.2090,
-9.8090

■ 7.5000, -4.5840,
-5.0320

■ 226.4870,
-20.9050, -12.1130

■ 226.4870,
-20.9050, -12.1130

■ 218.6270,
-33.2830, -19.0670

■ 234.3470, -8.5270,
-5.1590

■ 210.6530,
-45.3400, -26.3320

■ 242.3210, 3.5300,
2.1060

■ 202.7930,
-57.7180, -33.2860

■ 245.3970, 6.3720,
5.6680

■ 194.8190,
-69.7750, -40.5510

■ 246.1950, 4.1250,
7.8450

■ 186.9590,
-82.1530, -47.5050

■ 178.9850,
-94.2100, -54.7700

■ 171.1250,
-106.5880, -61.7240

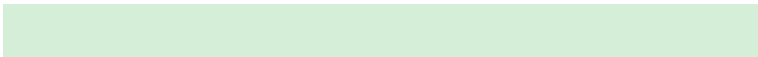
■ 163.1510,
-118.6450, -68.9890

■ 160.8300,
-122.1750, -71.0950

Harmonies

Analogous

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



227.6040, -8.1130, -12.6650



226.4870, -20.9050, -12.1130



226.7020, -28.7000, -8.5080

Triad

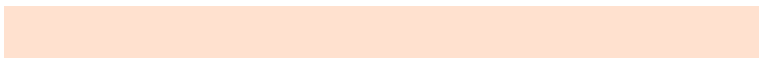
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.4870, -20.9050, -12.1130



232.2740, -6.2830, 9.2450



231.9180, 23.6580, 0.7620

Complementary

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



226.4870, -20.9050, -12.1130



212.5130, 20.9050, 12.1130

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.



231.5250, 20.6310, 6.0630



226.4870, -20.9050, -12.1130



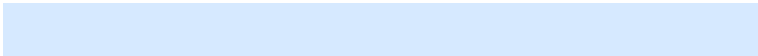
234.2110, 7.1960, 12.7640

Square

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



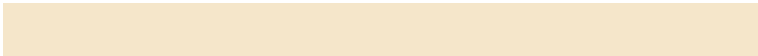
226.4870, -20.9050, -12.1130



229.8270, -18.3860, 2.8140



232.6480, 16.0910, 11.2510



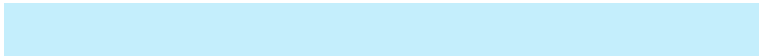
231.2930, 17.9280, -5.5280

Rectangle

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



226.4870, -20.9050, -12.1130



227.0380, -29.5260, -4.5500



232.6480, 16.0910, 11.2510



231.6730, 22.9700, 2.2180

Sweetspot

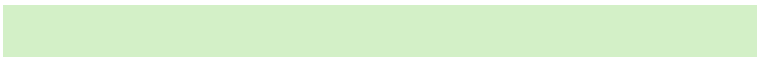
The Sweet Spot groups the original color and five complimentary colors.



226.4870, -20.9050, -12.1130



250.7710, -6.7850, -3.6890



226.6550, -4.1230, -18.8990



125.2660, -3.8050, -2.6290



0.0000, 0.0000, 0.0000



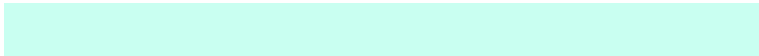
128.0000, -0.0000, -0.0000

Same Dimension

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



226.4870, -20.9050, -12.1130



237.2580, -27.6900, -15.8020



222.4580, -21.9610, -3.9850



116.0700, -6.1890, -3.4770



123.2840, -93.6140, -54.5580



37.5460, -28.5610, -16.5370

Inverse Universe

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



212.5130, 20.9050, 12.1130



218.8560, 27.3690, 16.1130



216.5420, 21.9610, 3.9850



111.9300, 6.1890, 3.4770



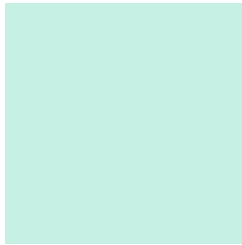
60.6020, 93.9350, 54.2470



18.4540, 28.5610, 16.5370

Previews

White Background



This preview shows how the YIQ color 226.4870, -20.9050, -12.1130 looks on a white background.

Color Contrast Check

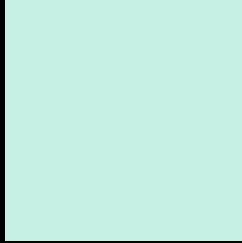
Large Text (above 18pt) WCAG AA × Fail

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 226.4870, -20.9050, -12.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

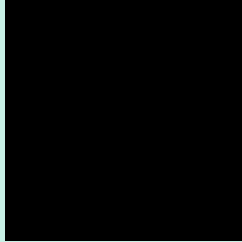
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

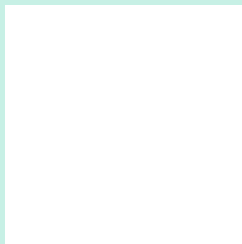
Any Text WCAG AAA ✓ Pass

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

YIQ 226.4870, -20.9050, -12.1130 Background



This preview shows how black text looks on a background with the YIQ color 226.4870, -20.9050, -12.1130.



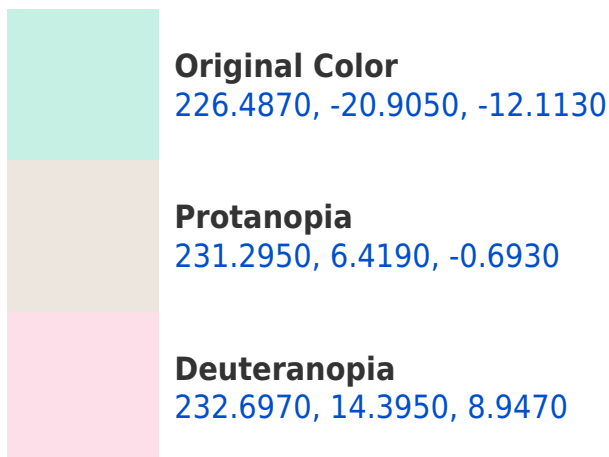
This preview shows how white text looks on a background with the YIQ color 226.4870, -20.9050, -12.1130.

-12.1130.

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

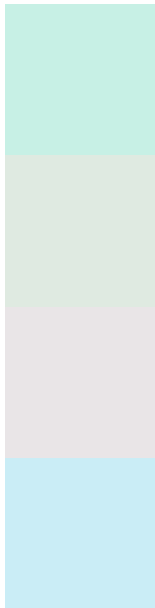




Tritanopia

228.5980, -25.1710, -0.8750

Trichromacy



Original Color

226.4870, -20.9050, -12.1130

Protanomaly

229.6850, -3.6670, -5.1310

Deuteranomaly

230.4240, 1.7420, 1.4700

Tritanomaly

227.5610, -23.7490, -4.6210

Monochromacy



Original Color

226.4870, -20.9050, -12.1130

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0590, -7.6560, -4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.4870, -20.9050, -12.1130 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(199, 240, 229)` looks like.

```
.text, #text, p{  
    color:rgb(199, 240, 229)  
}
```

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(199, 240, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 240, 229) }
```

Border

The CSS property to change the border of an element to YIQ 226.4870, -20.9050, -12.1130 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(199, 240, 229) }
```


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

```
.border{ border-color:rgb(199, 240, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 240, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 240, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 240, 229); box-shadow:4px 4px 4px 4px rgb(199, 240, 229) }
```

Background

The CSS property to change the background color of an element to YIQ 226.4870, -20.9050, -12.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 240, 229) }
```

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

```
.background{ background-color: rgb(199,  
240, 229) }
```

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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