

Converting Colors

YIQ(226.6330, -24.2520,
-12.0280)

Have a look what the booklet for
YIQ(226.6330, -24.2520, -12.0280)
contains.

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Color

**YIQ(226.6330, -24.2520,
-12.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F1E9
RGB	196, 241, 233
RGB Percent	77%, 95%, 91%
CMY	0.2315, 0.0548, 0.0864
CMYK	0.19, 0.00, 0.03, 0.05
HSL	169°, 62%, 86%
HSV	169°, 19%, 95%
XYZ	68.9231, 80.5356, 88.9859
YIQ	226.6330, -24.2520, -12.0280

Conversions

Conversions Part 2

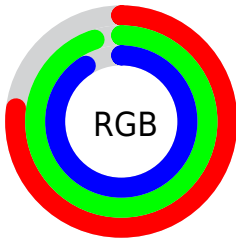
Format	Color
RYB	196, 221, 241
Decimal	12906985
CIELab	91.92, -15.99, -0.91
CIELCh	92, 16.012, 183.267
Yxy	80.5356, 0.2891, 0.3378
Android (android.graphics.Color)	4291097065 (0xFFC4F1E9)
YUV	226.6330, 3.1389, -26.8651
Hunter-Lab	89.7416, -19.9568, 4.0284

Details

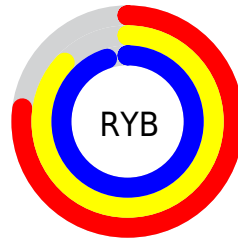
The YIQ color **226.6330, -24.2520, -12.0280** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **210.3670, 24.2520, 12.0280**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **254.4020, -1.1920, -0.4240**, and **171.2310, -23.0600, -11.6040** is the 20% darker color. If you saturate the color by 10%, you get **219.0010, -37.2720, -18.3600**, and if you desaturate by 10%, it is **234.2650, -11.2320, -5.6960**.

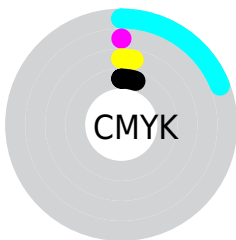
Distribution



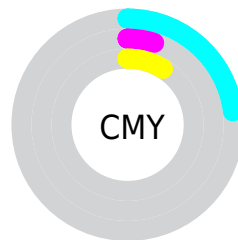
- Red (77%)
- Green (95%)
- Blue (91%)



- Red (77%)
- Yellow (87%)
- Blue (95%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (23%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.6330, -24.2520, -12.0280 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 226.6330, -24.2520, -12.0280 by changing the saturation by 10% instead.

■ 226.6330,
-24.2520, -12.0280

■ 226.6330,
-24.2520, -12.0280

■ 255.0000, -0.0000,
-0.0000

■ 198.6330,
-24.2520, -12.0280

■ 254.4020, -1.1920,
-0.4240

■ 171.2310,
-23.0600, -11.6040

■ 144.3450,
-23.3810, -11.2930

■ 118.6440,
-22.7850, -11.0810

■ 93.0570, -22.5100,
-10.5580

■ 69.0570, -22.5100,
-10.5580

■ 45.7580, -23.1060,

-10.7700

■ 25.3670, -20.4470,
-9.3990

■ 8.6570, -6.4640,
-4.0000

■ 226.6330,
-24.2520, -12.0280

■ 226.6330,
-24.2520, -12.0280

■ 219.0010,
-37.2720, -18.3600

■ 234.2650,
-11.2320, -5.6960

■ 211.2550,
-49.9710, -25.0030

■ 242.0110, 1.4670,
0.9470

■ 203.6230,
-62.9910, -31.3350

■ 245.7560, 6.7390,
4.5230

■ 195.9910,
-76.0110, -37.6670

■ 246.2120, 5.4550,
5.7670

■ 187.9460,
-89.3060, -44.5220

■ 246.6680, 4.1710,
7.0110

■ 180.3140,
-102.3260, -50.8540

■ 246.7820, 3.8500,
7.3220

■ 172.6820,
-115.3460, -57.1860

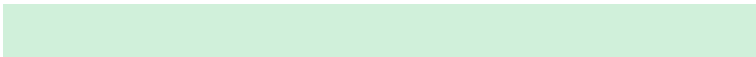
■ 165.0500,
-128.3660, -63.5180

■ 164.0390,
-129.8330, -64.4650

Harmonies

Analogous

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



227.9240, -12.0100, -13.6260



226.6330, -24.2520, -12.0280



226.8590, -30.5800, -7.4760

Triad

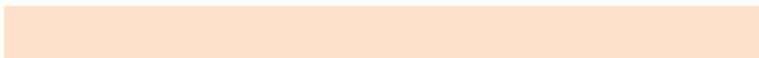
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.6330, -24.2520, -12.0280



233.1820, -3.0280, 10.8280



232.2770, 24.0250, -0.3830

Complementary

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



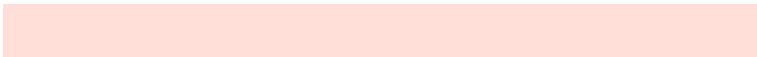
226.6330, -24.2520, -12.0280



210.3670, 24.2520, 12.0280

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.



231.7700, 21.3190, 4.6070



226.6330, -24.2520, -12.0280



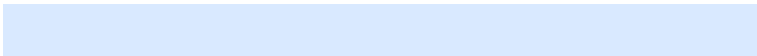
234.8910, 11.0930, 13.7250

Square

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



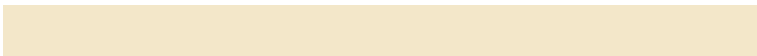
226.6330, -24.2520, -12.0280



230.7240, -16.5980, 3.4500



232.3060, 17.0540, 10.3180



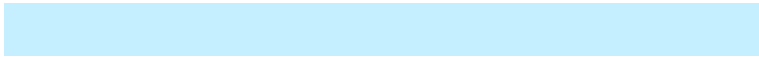
231.1680, 16.7820, -6.7860

Rectangle

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



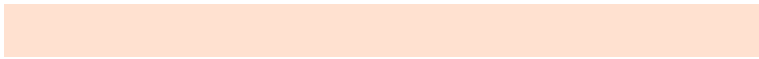
226.6330, -24.2520, -12.0280



227.6790, -29.8930, -3.4050



232.3060, 17.0540, 10.3180



232.0320, 23.3370, 1.0730

Sweetspot

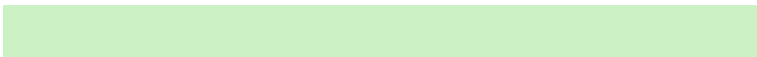
The Sweet Spot groups the original color and five complimentary colors.



226.6330, -24.2520, -12.0280



250.1730, -7.9770, -4.1130



224.8070, -7.6070, -21.8390



125.0810, -4.7220, -2.5300



0.0000, 0.0000, 0.0000



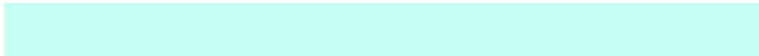
128.0000, -0.0000, -0.0000

Same Dimension

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



226.6330, -24.2520, -12.0280



237.1160, -30.1660, -14.9820



219.3270, -22.9700, -2.2180



116.1840, -6.5100, -3.1660



125.2220, -99.0710, -49.2710



38.1160, -30.1660, -14.9820

Inverse Universe

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



210.3670, 24.2520, 12.0280



216.8840, 30.1660, 14.9820



217.6730, 22.9700, 2.2180



111.8160, 6.5100, 3.1660



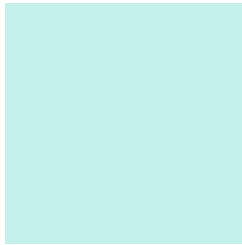
58.7780, 99.0710, 49.2710



17.8840, 30.1660, 14.9820

Previews

White Background



This preview shows how the YIQ color 226.6330, -24.2520, -12.0280 looks on a white background.

Color Contrast Check

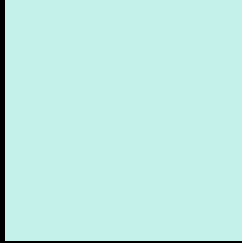
Large Text (above 18pt) WCAG AA × Fail

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 226.6330, -24.2520, -12.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

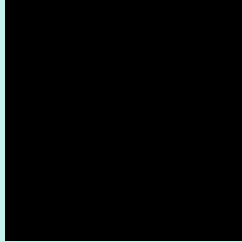
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

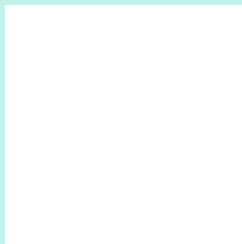
Any Text WCAG AAA ✓ Pass

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

YIQ 226.6330, -24.2520, -12.0280 Background



This preview shows how black text looks on a background with the YIQ color 226.6330, -24.2520, -12.0280.



This preview shows how white text looks on a background with the YIQ color 226.6330, -24.2520, -12.0280.

-12.0280.

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

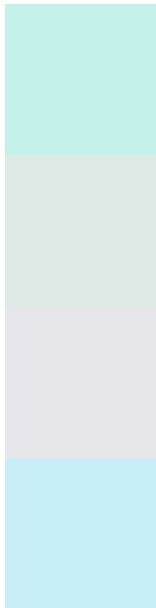




Tritanopia

228.5870, -26.6380, -1.8220

Trichromacy



Original Color

226.6330, -24.2520, -12.0280

Protanomaly

229.5430, -6.1430, -4.3110

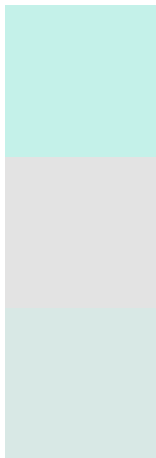
Deuteranomaly

230.8690, -1.0090, 1.7670

Tritanomaly

227.6640, -25.5370, -5.2570

Monochromacy



Original Color

226.6330, -24.2520, -12.0280

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.8740, -8.5730, -4.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.6330, -24.2520, -12.0280 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(196, 241, 233)` looks like.

```
.text, #text, p{  
    color:rgb(196, 241, 233)  
}
```

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(196, 241, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 241, 233) }
```

Border

The CSS property to change the border of an element to YIQ 226.6330, -24.2520, -12.0280 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(196, 241, 233) }
```


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

```
.border{ border-color:rgb(196, 241, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 241, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 241, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 241, 233);  
box-shadow:4px 4px 4px 4px rgb(196, 241,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 226.6330, -24.2520, -12.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 241, 233) }
```

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

```
.background{ background-color: rgb(196,  
241, 233) }
```

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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