

Converting Colors

YIQ(229.7640, -23.2430,
-13.7950)

Have a look what the booklet for
YIQ(229.7640, -23.2430, -13.7950)
contains.

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Color

**YIQ(229.7640, -23.2430,
-13.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F5E8
RGB	199, 245, 232
RGB Percent	78%, 96%, 91%
CMY	0.2197, 0.0391, 0.0903
CMYK	0.19, 0.00, 0.05, 0.04
HSL	163°, 70%, 87%
HSV	163°, 19%, 96%
XYZ	70.7660, 83.2795, 88.6731
YIQ	229.7640, -23.2430, -13.7950

Conversions

Conversions Part 2

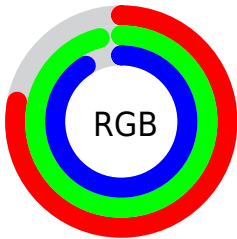
Format	Color
R _Y B	199, 226, 245
Decimal	13104616
CIE Lab	93.14, -17.24, 1.40
CIE LCh	93, 17.299, 175.369
Yxy	83.2795, 0.2916, 0.3431
Android (android.graphics.Color)	4291294696 (0xFFC7F5E8)
YUV	229.7640, 1.1023, -26.9800
Hunter-Lab	91.2576, -21.2824, 6.2695

Details

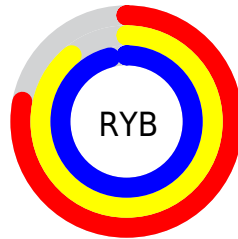
The YIQ color $229.7640, -23.2430, -13.7950$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.2360, 23.2430, 13.7950$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.0630, -22.6470, -13.5830$ is the 20% darker color. If you saturate the color by 10%, you get $221.4910, -35.8960, -21.2720$, and if you desaturate by 10%, it is $237.7380, -11.1860, -6.5300$.

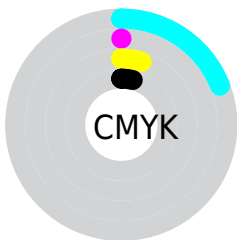
Distribution



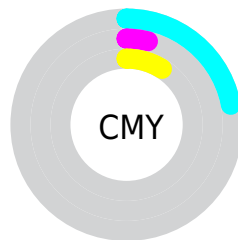
- Red (78%)
- Green (96%)
- Blue (91%)



- Red (78%)
- Yellow (89%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.7640, -23.2430, -13.7950 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 229.7640, -23.2430, -13.7950 by changing the saturation by 10% instead.

■ 229.7640,
-23.2430, -13.7950

■ 229.7640,
-23.2430, -13.7950

255.0000, -0.0000,
-0.0000

■ 201.7640,
-23.2430, -13.7950

■ 174.0630,
-22.6470, -13.5830

■ 147.4760,
-22.3720, -13.0600

■ 121.1880,
-21.5010, -12.3250

■ 96.1880, -21.5010,
-12.3250

■ 71.6010, -21.2260,
-11.8020

■ 48.4160, -22.1430,

-11.7030

■ 27.0140, -20.9510,
-11.2790

■ 11.9510, -7.4720,
-7.7600

■ 229.7640,
-23.2430, -13.7950

■ 229.7640,
-23.2430, -13.7950

■ 221.4910,
-35.8960, -21.2720

■ 237.7380,
-11.1860, -6.5300

■ 213.5170,
-47.9530, -28.5370

■ 246.0110, 1.4670,
0.9470

■ 205.2440,
-60.6060, -36.0140

■ 248.9020, 3.3920,
4.6080

■ 197.2700,
-72.6630, -43.2790

■ 249.1300, 2.7500,
5.2300

■ 188.9970,
-85.3160, -50.7560

■ 181.0230,
-97.3730, -58.0210

■ 172.7500,
-110.0260, -65.4980

■ 164.7760,
-122.0830, -72.7630

■ 163.8790,
-123.8710, -73.3990

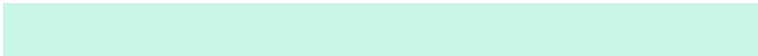
Harmonies

Analogous

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



231.2510, -8.6170, -14.5450



229.7640, -23.2430, -13.7950



229.6090, -32.8720, -9.9920

Triad

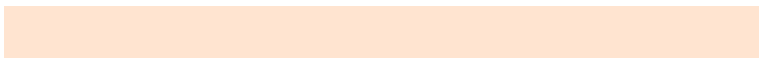
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.7640, -23.2430, -13.7950



235.5190, -5.5950, 7.7890



233.7930, 22.5120, -0.4960

Complementary

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



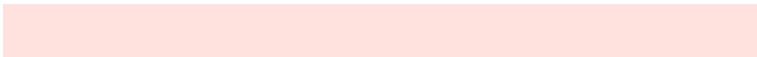
229.7640, -23.2430, -13.7950



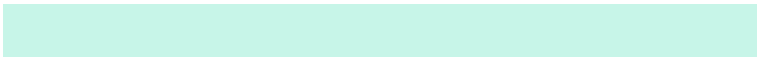
214.2360, 23.2430, 13.7950

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.



233.6280, 18.8430, 5.4270



229.7640, -23.2430, -13.7950



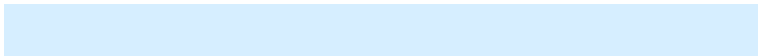
238.4500, 8.0210, 14.3330

Square

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



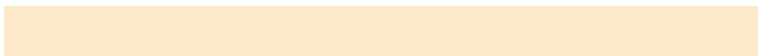
229.7640, -23.2430, -13.7950



232.7620, -19.7610, 0.1990



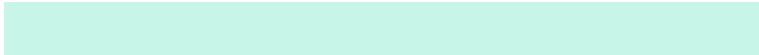
234.9790, 13.6610, 11.2370



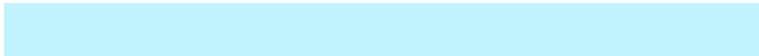
234.8480, 20.6790, -5.8250

Rectangle

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



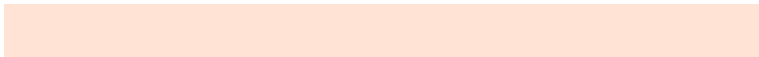
229.7640, -23.2430, -13.7950



230.0160, -32.4600, -6.4440



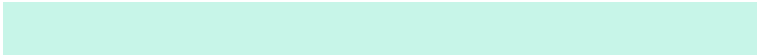
234.9790, 13.6610, 11.2370



233.6620, 21.5030, 1.2710

Sweetspot

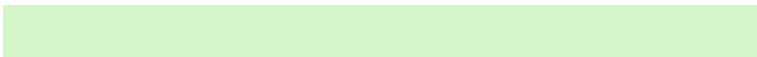
The Sweet Spot groups the original color and five complimentary colors.



229.7640, -23.2430, -13.7950



250.0590, -7.6560, -4.4240



229.8890, -4.9020, -21.3020



124.9670, -4.4010, -2.8410



0.0000, 0.0000, 0.0000



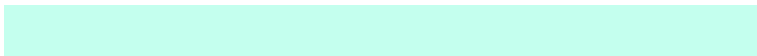
128.0000, -0.0000, -0.0000

Same Dimension

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



229.7640, -23.2430, -13.7950



235.4210, -29.7070, -17.7950



225.3760, -24.6660, -4.5220



118.0700, -6.1890, -3.4770



124.3440, -93.8430, -55.9150



39.4210, -29.7070, -17.7950

Inverse Universe

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



214.2360, 23.2430, 13.7950



215.5790, 29.7070, 17.7950



218.6240, 24.6660, 4.5220



114.0440, 5.8680, 3.7880



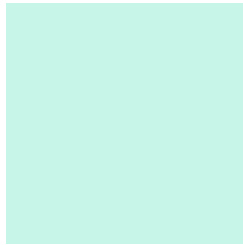
61.6560, 93.8430, 55.9150



19.5790, 29.7070, 17.7950

Previews

White Background



This preview shows how the YIQ color 229.7640, -23.2430, -13.7950 looks on a white background.

Color Contrast Check

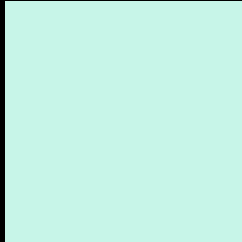
Large Text (above 18pt) WCAG AA × Fail

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 229.7640, -23.2430, -13.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

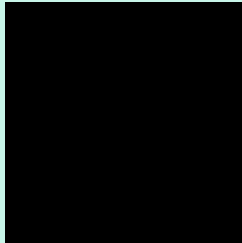
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

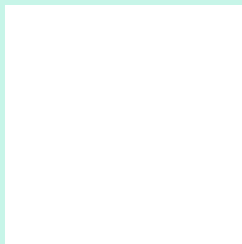
Any Text WCAG AAA ✓ Pass

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

YIQ 229.7640, -23.2430, -13.7950 Background



This preview shows how black text looks on a background with the YIQ color 229.7640, -23.2430, -13.7950.



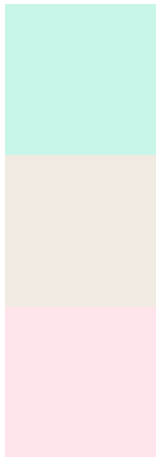
This preview shows how white text looks on a background with the YIQ color 229.7640, -23.2430, -13.7950.

-13.7950.

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

229.7640, -23.2430, -13.7950

Protanopia

235.1810, 6.7400, -1.0040

Deuteranopia

236.9850, 13.5240, 8.2120



Tritanopia

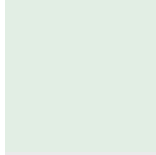
233.0390, -22.0990, -1.4830

Trichromacy



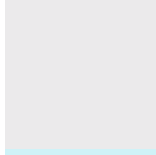
Original Color

229.7640, -23.2430, -13.7950



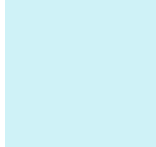
Protanomaly

233.2720, -3.9420, -5.6540



Deuteranomaly

234.4130, 0.2750, 0.5230



Tritanomaly

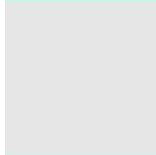
232.1050, -22.4650, -5.8650

Monochromacy



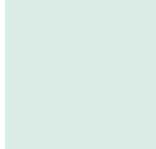
Original Color

229.7640, -23.2430, -13.7950



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.7600, -8.2520, -4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.7640, -23.2430, -13.7950 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, 245, 232)` looks like.

```
.text, #text, p{  
    color:rgb(199, 245, 232)  
}
```

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, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 245, 232) }
```

Border

The CSS property to change the border of an element to YIQ 229.7640, -23.2430, -13.7950 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, 245, 232) }
```


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

```
.border{ border-color:rgb(199, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(199, 245,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 229.7640, -23.2430, -13.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 245, 232) }
```

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

```
.background{ background-color: rgb(199,  
245, 232) }
```

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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