

Converting Colors

YIQ(227.3770, -26.4070,
-11.5190)

Have a look what the booklet for
YIQ(227.3770, -26.4070, -11.5190)
contains.

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Color

**YIQ(227.3770, -26.4070,
-11.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F2ED
RGB	195, 242, 237
RGB Percent	76%, 95%, 93%
CMY	0.2354, 0.0509, 0.0707
CMYK	0.19, 0.00, 0.02, 0.05
HSL	174°, 64%, 86%
HSV	174°, 19%, 95%
XYZ	69.5384, 81.2271, 92.1144
YIQ	227.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

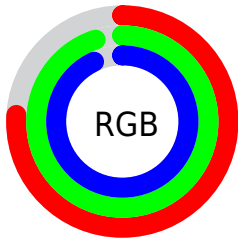
Format	Color
R _Y B	195, 220, 242
Decimal	12841709
CIE Lab	92.23, -15.98, -2.55
CIE LCh	92, 16.183, 189.057
Yxy	81.2271, 0.2863, 0.3344
Android (android.graphics.Color)	4291031789 (0xFFC3F2ED)
YUV	227.3770, 4.7441, -28.3946
Hunter-Lab	90.1261, -19.9958, 2.4903

Details

The YIQ color **227.3770, -26.4070, -11.5190** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **209.6230, 26.4070, 11.5190**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **254.1030, -1.7880, -0.6360**, and **171.6760, -25.8110, -11.3070** is the 20% darker color. If you saturate the color by 10%, you get **219.8590, -39.7480, -17.5400**, and if you desaturate by 10%, it is **234.8950, -13.0660, -5.4980**.

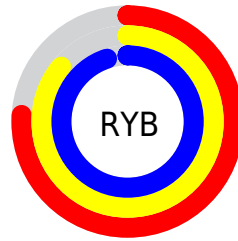
Distribution



Red (76%)

Green (95%)

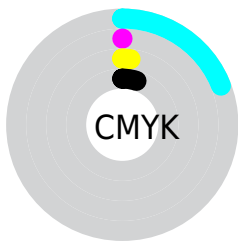
Blue (93%)



Red (76%)

Yellow (86%)

Blue (95%)

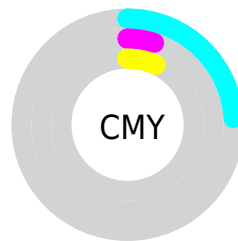


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (24%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.3770, -26.4070, -11.5190 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 227.3770, -26.4070, -11.5190 by changing the saturation by 10% instead.

■ 227.3770,
-26.4070, -11.5190

■ 227.3770,
-26.4070, -11.5190

■ 255.0000, -0.0000,
-0.0000

■ 199.3770,
-26.4070, -11.5190

■ 254.1030, -1.7880,
-0.6360

■ 171.6760,
-25.8110, -11.3070

■ 144.9750,
-25.2150, -11.0950

■ 119.2740,
-24.6190, -10.8830

■ 93.6870, -24.3440,
-10.3600

■ 69.6870, -24.3440,
-10.3600

■ 45.9040, -26.4530,

-10.6850

■ 26.2960, -21.6850,
-8.9890

■ 10.4010, -8.6190,
-3.4910

■ 227.3770,
-26.4070, -11.5190

■ 227.3770,
-26.4070, -11.5190

■ 219.8590,
-39.7480, -17.5400

■ 234.8950,
-13.0660, -5.4980

■ 212.4550,
-53.4100, -23.2500

■ 242.2990, 0.5960,
0.2120

■ 204.6380,
-67.3470, -29.4830

■ 246.2290, 6.7850,
3.6890

■ 197.2340,
-81.0090, -35.1930

■ 246.4570, 6.1430,
4.3110

■ 189.7160,
-94.3500, -41.2140

■ 246.7990, 5.1800,
5.2440

■ 182.1980,
-107.6910, -47.2350

■ 247.1410, 4.2170,
6.1770

■ 174.7940,
-121.3530, -52.9450

■ 247.3690, 3.5750,
6.7990

■ 166.9770,
-135.2900, -59.1780

■ 166.6780,
-135.8860, -59.3900

Harmonies

Analogous

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



228.2550, -14.4400, -13.6400



227.3770, -26.4070, -11.5190



228.2010, -31.5430, -6.5430

Triad

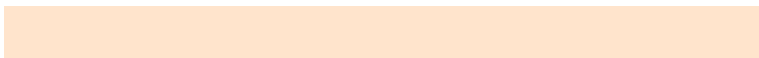
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.3770, -26.4070, -11.5190



234.6770, -0.0480, 11.8880



233.3370, 23.7960, -1.7400

Complementary

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



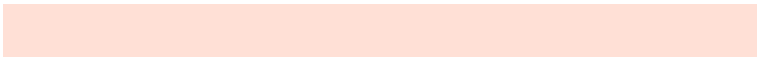
227.3770, -26.4070, -11.5190



209.6230, 26.4070, 11.5190

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.



232.1290, 21.6860, 3.4620



227.3770, -26.4070, -11.5190



234.9620, 12.3310, 13.3150

Square

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



227.3770, -26.4070, -11.5190



231.6320, -13.3430, 5.0330



232.5510, 17.7420, 8.8620



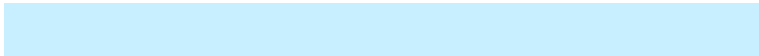
231.5590, 14.1230, -8.1570

Rectangle

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



227.3770, -26.4070, -11.5190



229.1630, -28.3800, -3.2920



232.5510, 17.7420, 8.8620



232.5050, 23.3830, 0.2390

Sweetspot

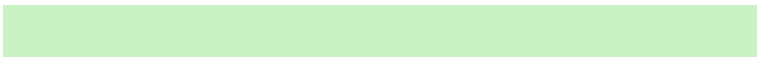
The Sweet Spot groups the original color and five complimentary colors.



227.3770, -26.4070, -11.5190



250.2870, -8.2980, -3.8020



224.0840, -9.9450, -23.5210



125.1950, -5.0430, -2.2190



0.0000, 0.0000, 0.0000



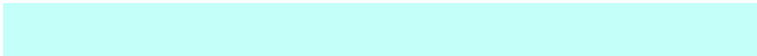
128.0000, -0.0000, -0.0000

Same Dimension

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



227.3770, -26.4070, -11.5190



236.6750, -33.2380, -14.3740



217.3810, -23.0620, -0.5500



116.2980, -6.8310, -2.8550



126.7040, -103.2440, -45.2280



38.5720, -31.4500, -13.7380

Inverse Universe

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



209.6230, 26.4070, 11.5190



214.4390, 32.9170, 14.6850



219.6190, 23.0620, 0.5500



111.7020, 6.8310, 2.8550



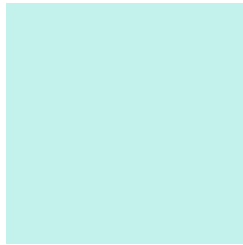
57.2960, 103.2440, 45.2280



17.4280, 31.4500, 13.7380

Previews

White Background



This preview shows how the YIQ color 227.3770, -26.4070, -11.5190 looks on a white background.

Color Contrast Check

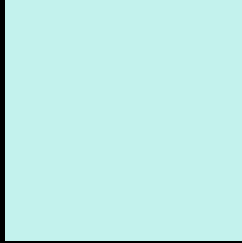
Large Text (above 18pt) WCAG AA × Fail

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 227.3770, -26.4070, -11.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

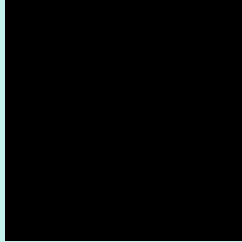
Any Text WCAG AA ✓ Pass

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 227.3770, -26.4070, -11.5190 Background



This preview shows how black text looks on a background with the YIQ color 227.3770, -26.4070, -11.5190.



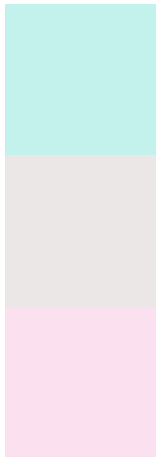
This preview shows how white text looks on a background with the YIQ color 227.3770, -26.4070, -11.5190.

-11.5190.

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

227.3770, -26.4070, -11.5190

Protanopia

232.4950, 2.9800, 1.0600

Deuteranopia

234.4840, 10.6810, 10.1770



Tritanopia

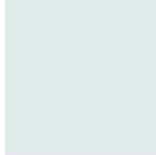
229.4730, -26.3170, -2.1330

Trichromacy



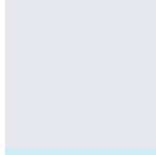
Original Color

227.3770, -26.4070, -11.5190



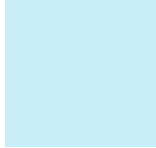
Protanomaly

230.5860, -7.7020, -3.5900



Deuteranomaly

231.9120, -2.5680, 2.4880



Tritanomaly

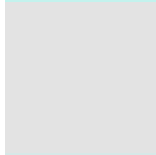
228.3650, -26.1330, -5.4690

Monochromacy



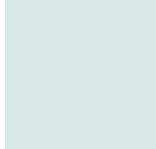
Original Color

227.3770, -26.4070, -11.5190



Achromatopsia

227.0000, -0.0000, -0.0000



Achromatomaly

226.8030, -9.8110, -3.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.3770, -26.4070, -11.5190 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(195, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(195, 242, 237)  
}
```

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(195, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 242, 237) }
```

Border

The CSS property to change the border of an element to YIQ 227.3770, -26.4070, -11.5190 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(195, 242, 237) }
```


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

```
.border{ border-color:rgb(195, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(195, 242,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 227.3770, -26.4070, -11.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 242, 237) }
```

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

```
.background{ background-color: rgb(195,  
242, 237) }
```

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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