

Converting Colors

YIQ(225.4370, -17.4680,
-2.8120)

Have a look what the booklet for
YIQ(225.4370, -17.4680, -2.8120)
contains.

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Color

**YIQ(225.4370, -17.4680,
-2.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE8F0
RGB	207, 232, 240
RGB Percent	81%, 91%, 94%
CMY	0.1883, 0.0901, 0.0589
CMYK	0.14, 0.03, 0.00, 0.06
HSL	194°, 52%, 88%
HSV	194°, 14%, 94%
XYZ	70.3131, 77.2727, 93.6323
YIQ	225.4370, -17.4680, -2.8120

Conversions

Conversions Part 2

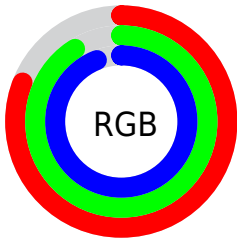
Format	Color
R _Y B	207, 221, 240
Decimal	13625584
CIE Lab	90.45, -6.62, -6.66
CIE LCh	90, 9.388, 225.182
Yxy	77.2727, 0.2915, 0.3203
Android (android.graphics.Color)	4291815664 (0xFFCFE8F0)
YUV	225.4370, 7.1796, -16.1692
Hunter-Lab	87.9049, -11.0554, -1.6196

Details

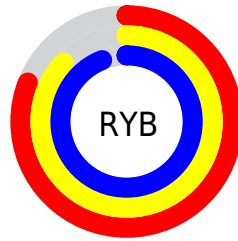
The YIQ color $225.4370, -17.4680, -2.8120$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $221.5630, 17.4680, 2.8120$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.7360, -16.8720, -2.6000$ is the 20% darker color. If you saturate the color by 10%, you get $214.7390, -30.1220, -4.7620$, and if you desaturate by 10%, it is $236.1350, -4.8140, -0.8620$.

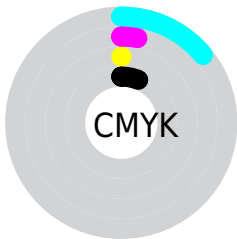
Distribution



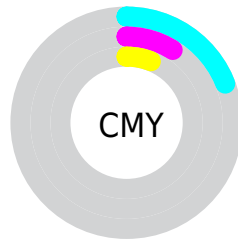
- Red (81%)
- Green (91%)
- Blue (94%)



- Red (81%)
- Yellow (87%)
- Blue (94%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.4370, -17.4680, -2.8120 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 225.4370, -17.4680, -2.8120 by changing the saturation by 10% instead.

■ 225.4370,
-17.4680, -2.8120

■ 225.4370,
-17.4680, -2.8120

255.0000, -0.0000,
-0.0000

■ 197.4370,
-17.4680, -2.8120

■ 169.7360,
-16.8720, -2.6000

■ 143.6220,
-16.5510, -2.9110

■ 117.9210,
-15.9550, -2.6990

■ 93.2200, -15.3590,
-2.4870

■ 69.2200, -15.3590,
-2.4870

■ 47.1060, -15.0380,

-2.7980

■ 25.1060, -15.0380,
-2.7980

■ 4.1720, -6.2360,
2.8840

■ 225.4370,
-17.4680, -2.8120

■ 225.4370,
-17.4680, -2.8120

■ 214.7390,
-30.1220, -4.7620

■ 236.1350, -4.8140,
-0.8620

■ 204.0410,
-42.7760, -6.7120

■ 246.8330, 7.8400,
1.0880

■ 193.9300,
-55.7050, -9.1850

■ 249.7680, 6.4650,
-1.5270

■ 183.2320,
-68.3590, -11.1350

■ 253.2900, 4.8150,
-4.6650

■ 172.5340,
-81.0130, -13.0850

■ 161.8360,
-93.6670, -15.0350

■ 151.1380,
-106.3210, -16.9850

■ 141.0270,
-119.2500, -19.4580

■ 134.1940,
-127.0900, -20.5460

Harmonies

Analogous

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



224.8130, -15.7710, -6.0350



225.4370, -17.4680, -2.8120



226.9260, -14.3510, 1.2730

Triad

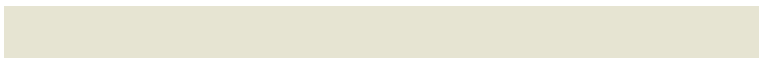
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.4370, -17.4680, -2.8120



229.4190, 9.3060, 7.5620



226.5460, 6.9700, -5.1740

Complementary

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



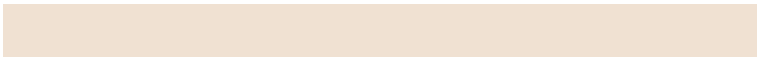
225.4370, -17.4680, -2.8120



221.5630, 17.4680, 2.8120

Split Complementary

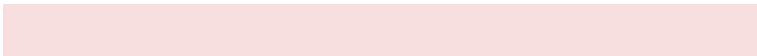
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.7750, 13.7550, -1.4850



225.4370, -17.4680, -2.8120



229.5890, 14.5790, 5.6110

Square

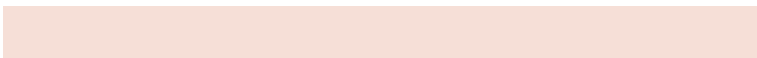
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.4370, -17.4680, -2.8120



229.1130, 1.4200, 7.3080



228.9650, 16.2760, 2.3880



225.8870, -1.4200, -7.3080

Rectangle

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



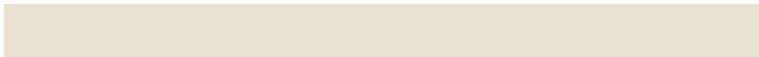
225.4370, -17.4680, -2.8120



227.5460, -10.2250, 3.5910



228.9650, 16.2760, 2.3880



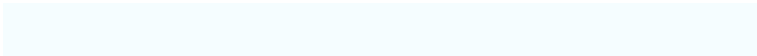
227.1550, 9.6290, -3.8030

Sweetspot

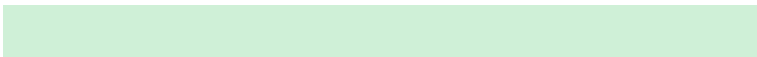
The Sweet Spot groups the original color and five complimentary colors.



225.4370, -17.4680, -2.8120



250.8360, -5.4100, -1.0740



227.2830, -11.6430, -14.7710



124.7330, -3.6220, -0.4380



0.0000, 0.0000, 0.0000



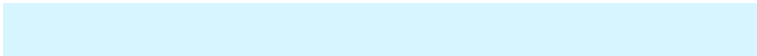
128.0000, -0.0000, -0.0000

Same Dimension

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



225.4370, -17.4680, -2.8120



236.8710, -21.6860, -3.4620



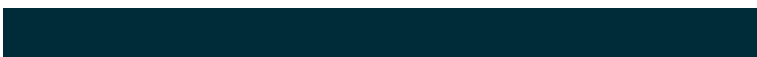
216.0450, -13.0680, 5.5560



114.6510, -6.3270, -0.9750



102.5690, -97.2890, -15.4730



31.6250, -29.8010, -5.0730

Inverse Universe

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



219.7170, 11.6430, 14.7710



229.7930, 14.4850, 18.3330



230.9550, 13.0680, -5.5560



112.6140, 4.2630, 5.3430



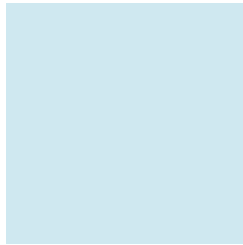
70.8620, 65.0450, 82.2370



21.6460, 19.5730, 25.2450

Previews

White Background



This preview shows how the YIQ color 225.4370, -17.4680, -2.8120 looks on a white background.

Color Contrast Check

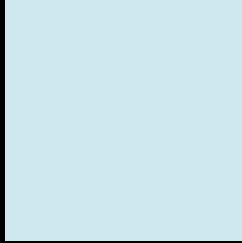
Large Text (above 18pt) WCAG AA × Fail

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 225.4370, -17.4680, -2.8120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

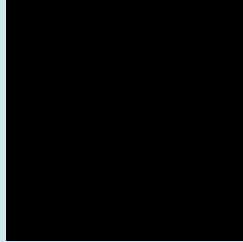
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.4370, -17.4680, -2.8120

Background



This preview shows how black text looks on a background with the YIQ color 225.4370, -17.4680, -2.8120.



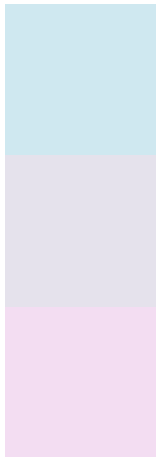
This preview shows how white text looks on a background with the YIQ color 225.4370, -17.4680, -2.8120.

-2.8120.

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

225.4370, -17.4680, -2.8120

Protanopia

228.0370, -1.4220, 3.7460

Deuteranopia

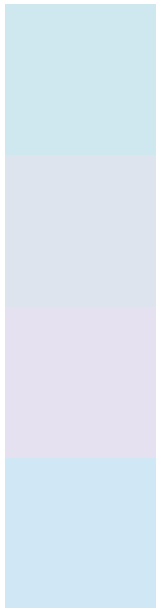
229.9720, 6.3710, 11.1950



Tritanopia

226.4740, -18.8900, 0.9340

Trichromacy



Original Color

225.4370, -17.4680, -2.8120

Protanomaly

226.9330, -7.0610, 1.3150

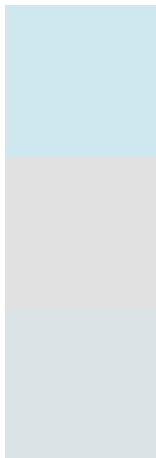
Deuteranomaly

228.3190, -2.1560, 6.0360

Tritanomaly

225.8330, -18.5230, -0.2110

Monochromacy



Original Color

225.4370, -17.4680, -2.8120

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.2380, -6.6020, -1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.4370, -17.4680, -2.8120 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(207, 232, 240)` looks like.

```
.text, #text, p{  
    color:rgb(207, 232, 240)  
}
```

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(207, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 232, 240) }
```

Border

The CSS property to change the border of an element to YIQ 225.4370, -17.4680, -2.8120 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(207, 232, 240) }
```


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

```
.border{ border-color:rgb(207, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(207, 232,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 225.4370, -17.4680, -2.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 232, 240) }
```

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

```
.background{ background-color: rgb(207,  
232, 240) }
```

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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