

Converting Colors

YIQ(223.4720, -7.3810, -3.9010)

Have a look what the booklet for
YIQ(223.4720, -7.3810, -3.9010)
contains.

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Color

**YIQ(223.4720, -7.3810,
-3.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E4E1
RGB	214, 228, 225
RGB Percent	84%, 89%, 88%
CMY	0.1608, 0.1058, 0.1177
CMYK	0.06, 0.00, 0.01, 0.11
HSL	167°, 21%, 87%
HSV	167°, 6%, 89%
XYZ	69.0636, 75.2207, 82.1082
YIQ	223.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

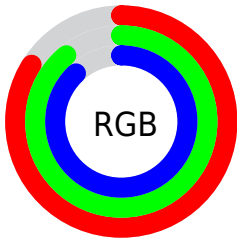
Format	Color
RYP	214, 222, 228
Decimal	14083297
CIELab	89.50, -5.21, -0.15
CIElCh	89, 5.217, 181.671
Yxy	75.2207, 0.3051, 0.3323
Android (android.graphics.Color)	4292273377 (0xFFD6E4E1)
YUV	223.4720, 0.7533, -8.3069
Hunter-Lab	86.7299, -9.6364, 4.5803

Details

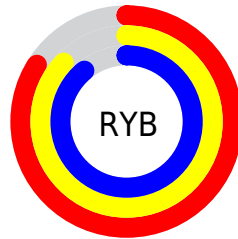
The YIQ color $223.4720, -7.3810, -3.9010$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $218.5280, 7.3810, 3.9010$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.4720, -7.3810, -3.9010$ is the 20% darker color. If you saturate the color by 10%, you get $216.0250, -19.4840, -10.3320$, and if you desaturate by 10%, it is $230.9190, 4.7220, 2.5300$.

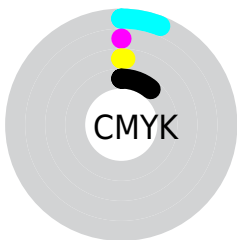
Distribution



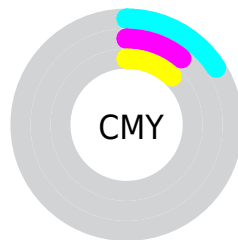
- Red (84%)
- Green (89%)
- Blue (88%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.4720, -7.3810, -3.9010 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 223.4720, -7.3810, -3.9010 by changing the saturation by 10% instead.

■ 223.4720, -7.3810,
-3.9010

■ 223.4720, -7.3810,
-3.9010

255.0000, -0.0000,
-0.0000

■ 195.4720, -7.3810,
-3.9010

■ 168.4720, -7.3810,
-3.9010

■ 141.7710, -6.7850,
-3.6890

■ 116.1840, -6.5100,
-3.1660

■ 92.0700, -6.1890,
-3.4770

■ 68.1840, -6.5100,
-3.1660

■ 45.4830, -5.9140,

-2.9540

■ 25.4830, -5.9140,
-2.9540

■ 0.0000, 0.0000,
0.0000

■ 223.4720, -7.3810,
-3.9010

■ 223.4720, -7.3810,
-3.9010

■ 216.0250,
-19.4840, -10.3320

■ 230.9190, 4.7220,
2.5300

■ 208.5780,
-31.5870, -16.7630

■ 236.8710, 13.8450,
7.9010

■ 201.4300,
-43.0940, -22.9820

■ 237.4410, 12.2400,
9.4560

■ 193.9830,
-55.1970, -29.4130

■ 238.0110, 10.6350,
11.0110

■ 186.5360,
-67.3000, -35.8440

■ 238.5810, 9.0300,
12.5660

■ 179.2030,
-79.7240, -41.9640

■ 239.0370, 7.7460,
13.8100

■ 171.7560,
-91.8270, -48.3950

■ 239.1510, 7.4250,
14.1210

■ 164.6080,
-103.3340, -54.6140

■ 157.1610,
-115.4370, -61.0450

Harmonies

Analogous

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



223.5110, -3.1170, -4.0850



223.4720, -7.3810, -3.9010



223.7430, -9.5820, -2.5580

Triad

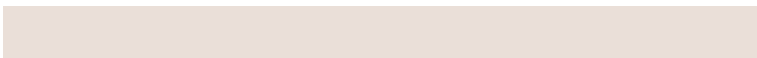
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.4720, -7.3810, -3.9010



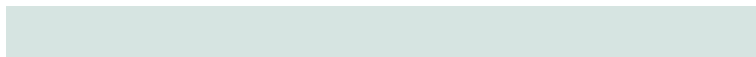
225.6240, -1.6970, 3.2230



225.4910, 8.8030, 0.1550

Complementary

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



223.4720, -7.3810, -3.9010



218.5280, 7.3810, 3.9010

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.



225.9580, 8.9860, 2.3460



223.4720, -7.3810, -3.9010



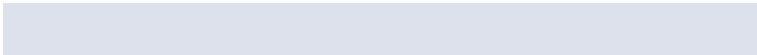
225.9020, 3.3920, 4.6080

Square

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



223.4720, -7.3810, -3.9010



224.6450, -6.1900, 2.0500



226.2290, 6.7850, 3.6890



225.0560, 5.5940, -2.2620

Rectangle

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



223.4720, -7.3810, -3.9010



223.7970, -9.6740, -0.8900



226.2290, 6.7850, 3.6890



225.9040, 9.0780, 0.6780

Sweetspot

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



223.4720, -7.3810, -3.9010



253.3910, -2.6590, -1.3710



223.1150, -2.0620, -6.6860



126.9890, -1.4670, -0.9470



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.



223.4720, -7.3810, -3.9010



249.1620, -9.4440, -5.0600



221.4660, -7.2440, -0.8760



112.0810, -4.7220, -2.5300



121.0330, -94.1650, -50.0770



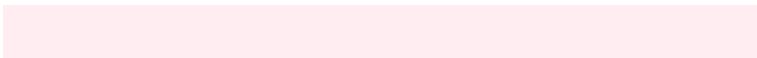
34.4970, -26.8650, -14.2330

Inverse Universe

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



218.5280, 7.3810, 3.9010



242.8380, 9.4440, 5.0600



220.5340, 7.2440, 0.8760



108.9190, 4.7220, 2.5300



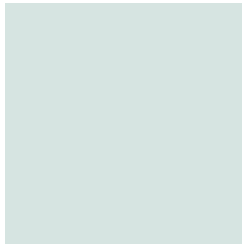
57.8530, 94.4860, 49.7660



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 223.4720, -7.3810, -3.9010 looks on a white background.

Color Contrast Check

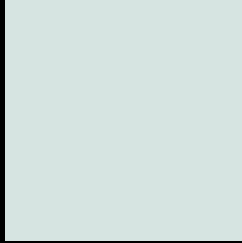
Large Text (above 18pt) WCAG AA × Fail

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 223.4720, -7.3810, -3.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

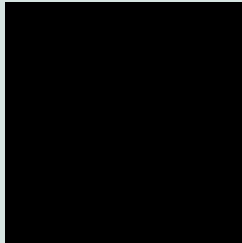
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

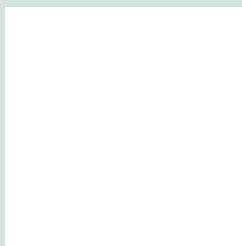
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.4720, -7.3810, -3.9010

Background



This preview shows how black text looks on a background with the YIQ color 223.4720, -7.3810, -3.9010.



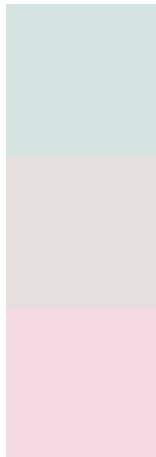
This preview shows how white text looks on a background with the YIQ color 223.4720, -7.3810,

-3.9010.

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

223.4720, -7.3810, -3.9010

Protanopia

225.2670, 3.6220, 0.4380

Deuteranopia

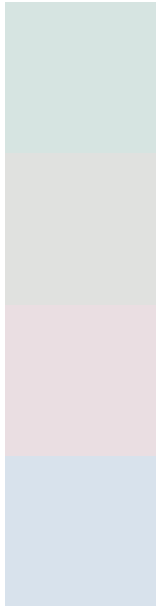
227.0990, 13.2030, 8.5230



Tritanopia

224.6600, -10.5460, 3.9020

Trichromacy



Original Color

223.4720, -7.3810, -3.9010

Protanomaly

224.4730, 0.0460, -0.8340

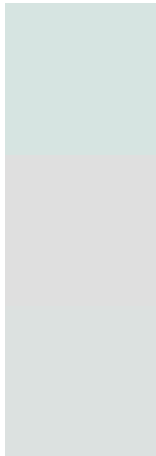
Deuteranomaly

226.0440, 5.8680, 3.7880

Tritanomaly

224.1500, -9.1700, 0.9900

Monochromacy



Original Color

223.4720, -7.3810, -3.9010

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.3910, -2.6590, -1.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.4720, -7.3810, -3.9010 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(214, 228, 225)` looks like.

```
.text, #text, p{  
    color:rgb(214, 228, 225)  
}
```

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(214, 228, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 228, 225) }
```

Border

The CSS property to change the border of an element to YIQ 223.4720, -7.3810, -3.9010 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(214, 228, 225) }
```


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

```
.border{ border-color:rgb(214, 228, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 228, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 228, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 228, 225);  
box-shadow:4px 4px 4px 4px rgb(214, 228,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 223.4720, -7.3810, -3.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 228, 225) }
```

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

```
.background{ background-color: rgb(214,  
228, 225) }
```

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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