

Converting Colors

YIQ(225.9370, -22.0520,
-7.8440)

Have a look what the booklet for
YIQ(225.9370, -22.0520, -7.8440)
contains.

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Color

**YIQ(225.9370, -22.0520,
-7.8440)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EDED
RGB	200, 237, 237
RGB Percent	78%, 93%, 93%
CMY	0.2158, 0.0705, 0.0707
CMYK	0.16, 0.00, 0.00, 0.07
HSL	180°, 51%, 86%
HSV	180°, 16%, 93%
XYZ	69.3849, 78.9668, 91.6888
YIQ	225.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

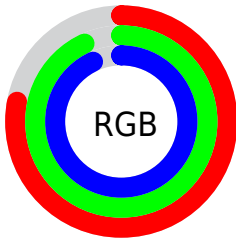
Format	Color
R _Y B	200, 219, 237
Decimal	13168109
CIE Lab	91.22, -11.94, -4.00
CIE LCh	91, 12.598, 198.527
Yxy	78.9668, 0.2891, 0.3290
Android (android.graphics.Color)	4291358189 (0xFFC8EDED)
YUV	225.9370, 5.4541, -22.7467
Hunter-Lab	88.8632, -16.1369, 1.0290

Details

The YIQ color $225.9370, -22.0520, -7.8440$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $211.0630, 22.0520, 7.8440$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.5350, -20.8600, -7.4200$ is the 20% darker color. If you saturate the color by 10%, you get $218.7610, -36.3560, -12.9320$, and if you desaturate by 10%, it is $233.1130, -7.7480, -2.7560$.

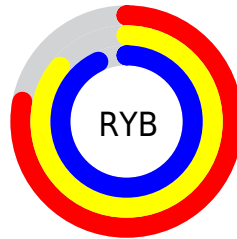
Distribution



Red (78%)

Green (93%)

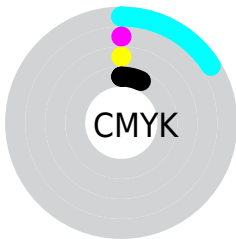
Blue (93%)



Red (78%)

Yellow (86%)

Blue (93%)

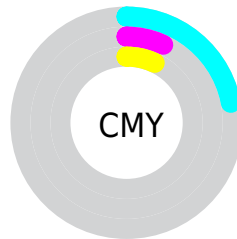


Cyan (16%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.9370, -22.0520, -7.8440 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 225.9370, -22.0520, -7.8440 by changing the saturation by 10% instead.

■ 225.9370,
-22.0520, -7.8440

■ 225.9370,
-22.0520, -7.8440

255.0000, -0.0000,
-0.0000

■ 197.9370,
-22.0520, -7.8440

■ 170.2360,
-21.4560, -7.6320

■ 143.5350,
-20.8600, -7.4200

■ 117.8340,
-20.2640, -7.2080

■ 93.1330, -19.6680,
-6.9960

■ 69.1330, -19.6680,
-6.9960

■ 46.2470, -19.9890,

-6.6850

■ 23.9480, -20.5850,
-6.8970

■ 6.8790, -6.9690,
-0.3530

■ 225.9370,
-22.0520, -7.8440

■ 225.9370,
-22.0520, -7.8440

■ 218.7610,
-36.3560, -12.9320

■ 233.1130, -7.7480,
-2.7560

■ 211.8840,
-50.0640, -17.8080

■ 239.9900, 5.9600,
2.1200

■ 204.7080,
-64.3680, -22.8960

■ 242.3820, 10.7280,
3.8160

■ 197.5320,
-78.6720, -27.9840

■ 190.3560,
-92.9760, -33.0720

■ 183.4790,
-106.6840, -37.9480

■ 176.3030,
-120.9880, -43.0360

■ 169.1270,
-135.2920, -48.1240

■ 166.1370,
-141.2520, -50.2440

Harmonies

Analogous

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



226.3630, -14.6240, -10.3040



225.9370, -22.0520, -7.8440



226.5010, -23.5200, -3.2640

Triad

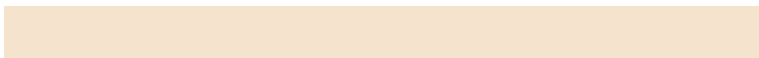
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.9370, -22.0520, -7.8440



232.1780, 2.7950, 9.9230



229.9880, 17.4690, -2.7150

Complementary

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



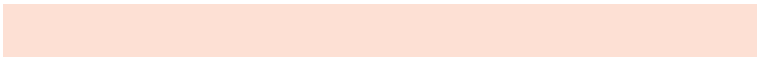
225.9370, -22.0520, -7.8440



211.0630, 22.0520, 7.8440

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.



231.3030, 21.1360, 2.4160



225.9370, -22.0520, -7.8440



232.4520, 13.7070, 10.4030

Square

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



225.9370, -22.0520, -7.8440



230.5510, -8.6210, 7.5630



231.9810, 19.3470, 7.3070



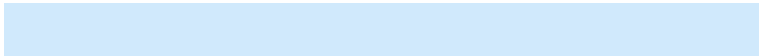
228.5630, 8.3000, -7.2520

Rectangle

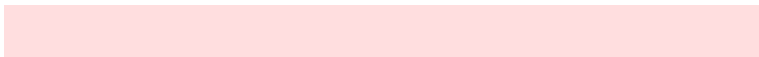
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



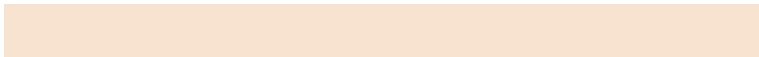
225.9370, -22.0520, -7.8440



227.6910, -20.9990, 0.6090



231.9810, 19.3470, 7.3070



230.5260, 18.8900, -0.9340

Sweetspot

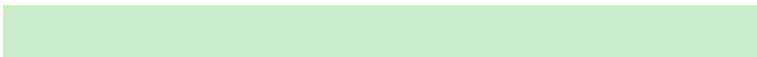
The Sweet Spot groups the original color and five complimentary colors.



225.9370, -22.0520, -7.8440



251.1130, -7.7480, -2.7560



222.0180, -9.5790, -19.1390



125.4940, -4.4470, -2.0070



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.



225.9370, -22.0520, -7.8440



240.6480, -28.6080, -10.1760



215.3710, -17.1020, 1.5700



113.7110, -6.5560, -2.3320



126.8810, -107.8760, -38.3720



37.7400, -31.8630, -11.7590

Inverse Universe

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



211.0630, 22.0520, 7.8440



221.3520, 28.6080, 10.1760



221.6290, 17.1020, -1.5700



109.2890, 6.5560, 2.3320



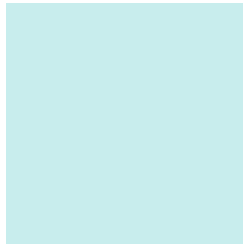
54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 225.9370, -22.0520, -7.8440 looks on a white background.

Color Contrast Check

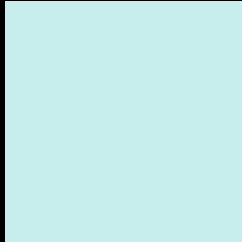
Large Text (above 18pt) WCAG AA × Fail

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 225.9370, -22.0520, -7.8440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

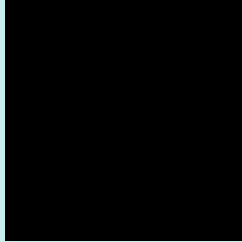
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.9370, -22.0520, -7.8440

Background



This preview shows how black text looks on a background with the YIQ color 225.9370, -22.0520, -7.8440.



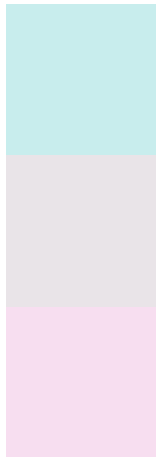
This preview shows how white text looks on a background with the YIQ color 225.9370, -22.0520, -7.8440.

-7.8440.

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

225.9370, -22.0520, -7.8440

Protanopia

229.9510, 1.6960, 2.3040

Deuteranopia

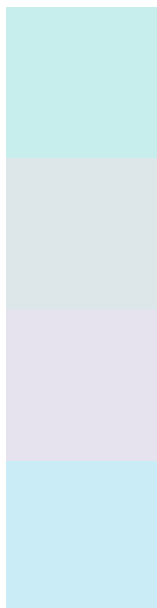
231.5270, 9.1220, 10.8980



Tritanopia

227.4840, -24.8500, -1.1860

Trichromacy



Original Color

225.9370, -22.0520, -7.8440

Protanomaly

228.3520, -6.9230, -1.1870

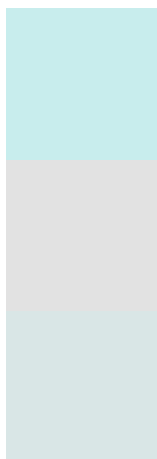
Deuteranomaly

229.2650, -2.0640, 4.3680

Tritanomaly

227.0880, -23.7950, -3.7870

Monochromacy



Original Color

225.9370, -22.0520, -7.8440

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1130, -7.7480, -2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.9370, -22.0520, -7.8440 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(200, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(200, 237, 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(200, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 237, 237) }
```

Border

The CSS property to change the border of an element to YIQ 225.9370, -22.0520, -7.8440 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(200, 237, 237) }
```


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

```
.border{ border-color:rgb(200, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(200, 237,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 225.9370, -22.0520, -7.8440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 237, 237) }
```

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

```
.background{ background-color: rgb(200,  
237, 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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