

Converting Colors

YIQ(222.3570, -14.4870,
-7.2790)

Have a look what the booklet for
YIQ(222.3570, -14.4870, -7.2790)
contains.

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Color

**YIQ(222.3570, -14.4870,
-7.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE7E2
RGB	204, 231, 226
RGB Percent	80%, 91%, 89%
CMY	0.2001, 0.0941, 0.1138
CMYK	0.12, 0.00, 0.02, 0.09
HSL	169°, 36%, 85%
HSV	169°, 12%, 91%
XYZ	67.2018, 75.4834, 82.9695
YIQ	222.3570, -14.4870, -7.2790

Conversions

Conversions Part 2

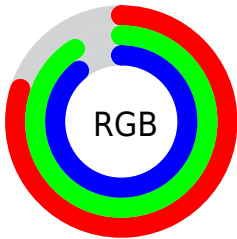
Format	Color
R_{YB}	204, 219, 231
Decimal	13428706
CIE _{Lab}	89.62, -9.82, -0.57
CIE _{LCh}	90, 9.836, 183.351
Yxy	75.4834, 0.2978, 0.3345
Android (android.graphics.Color)	4291618786 (0xFFCCE7E2)
YUV	222.3570, 1.7960, -16.0991
Hunter-Lab	86.8812, -13.9738, 4.1962

Details

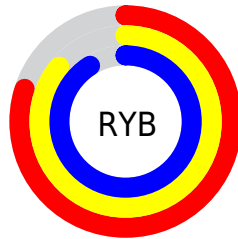
The YIQ color $222.3570, -14.4870, -7.2790$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $212.6430, 14.4870, 7.2790$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.0690, -13.6160, -6.5440$ is the 20% darker color. If you saturate the color by 10%, you get $215.0240, -26.9110, -13.3990$, and if you desaturate by 10%, it is $229.6900, -2.0630, -1.1590$.

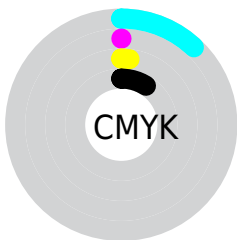
Distribution



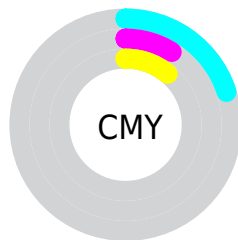
- Red (80%)
- Green (91%)
- Blue (89%)



- Red (80%)
- Yellow (86%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.3570, -14.4870, -7.2790 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 222.3570, -14.4870, -7.2790 by changing the saturation by 10% instead.

■ 222.3570,
-14.4870, -7.2790

■ 222.3570,
-14.4870, -7.2790

255.0000, -0.0000,
-0.0000

■ 194.3570,
-14.4870, -7.2790

■ 167.0690,
-13.6160, -6.5440

■ 140.9550,
-13.2950, -6.8550

■ 115.0690,
-13.6160, -6.5440

■ 90.3680, -13.0200,
-6.3320

■ 66.6670, -12.4240,
-6.1200

■ 44.6670, -12.4240,

-6.1200

■ 23.0800, -12.1490,
-5.5970

■ 0.0000, 0.0000,
0.0000

■ 222.3570,
-14.4870, -7.2790

■ 222.3570,
-14.4870, -7.2790

■ 215.0240,
-26.9110, -13.3990

■ 229.6900, -2.0630,
-1.1590

■ 207.5770,
-39.0140, -19.8300

■ 237.1370, 10.0400,
5.2720

■ 200.2440,
-51.4380, -25.9500

■ 239.0880, 11.7360,
7.5760

■ 192.9110,
-63.8620, -32.0700

■ 239.5440, 10.4520,
8.8200

■ 185.2790,
-76.8820, -38.4020

■ 240.0000, 9.1680,
10.0640

■ 177.8320,
-88.9850, -44.8330

■ 240.5700, 7.5630,
11.6190

■ 170.4990,
-101.4090, -50.9530

■ 240.9120, 6.6000,
12.5520

■ 163.1660,
-113.8330, -57.0730

■ 157.0290,
-123.8730, -62.3450

Harmonies

Analogous

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



222.8370, -7.1510, -8.0710



222.3570, -14.4870, -7.2790



222.1980, -18.2930, -4.3810

Triad

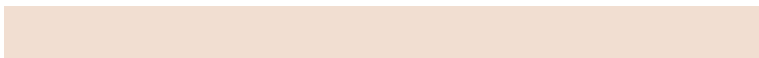
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.3570, -14.4870, -7.2790



226.8460, -2.2020, 6.8700



226.1990, 15.4970, -0.0150

Complementary

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



222.3570, -14.4870, -7.2790



212.6430, 14.4870, 7.2790

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.



227.2040, 17.1010, 3.9570



222.3570, -14.4870, -7.2790



227.2770, 6.8300, 8.3820

Square

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



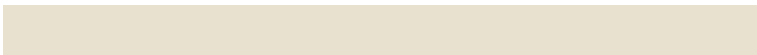
222.3570, -14.4870, -7.2790



225.3610, -11.1420, 3.6900



227.3440, 13.8910, 7.0670



225.0410, 9.9500, -4.1140

Rectangle

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



222.3570, -14.4870, -7.2790



223.0780, -17.8350, -1.6670



227.3440, 13.8910, 7.0670



226.4380, 16.3220, 1.5540

Sweetspot

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



222.3570, -14.4870, -7.2790



251.7820, -5.3180, -2.7420



221.3440, -4.4450, -13.0610



125.6790, -3.5300, -2.1060



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.



222.3570, -14.4870, -7.2790



243.4380, -19.2090, -9.8090



218.2310, -13.8920, -1.5400



111.1840, -6.5100, -3.1660



121.6030, -95.7700, -48.5220



34.7250, -27.5070, -13.6110

Inverse Universe

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



212.6430, 14.4870, 7.2790



230.5620, 19.2090, 9.8090



216.7690, 13.8920, 1.5400



106.8160, 6.5100, 3.1660



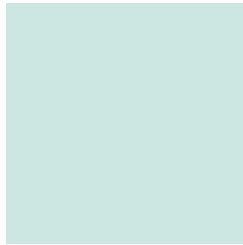
57.2830, 96.0910, 48.2110



16.2750, 27.5070, 13.6110

Previews

White Background



This preview shows how the YIQ color 222.3570, -14.4870, -7.2790 looks on a white background.

Color Contrast Check

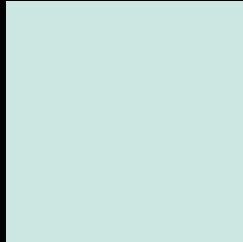
Large Text (above 18pt) WCAG AA × Fail

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 222.3570, -14.4870, -7.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

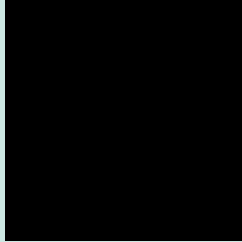
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

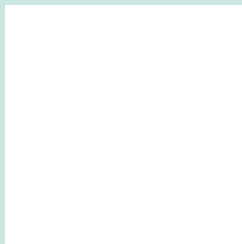
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.3570, -14.4870, -7.2790

Background



This preview shows how black text looks on a background with the YIQ color 222.3570, -14.4870, -7.2790.



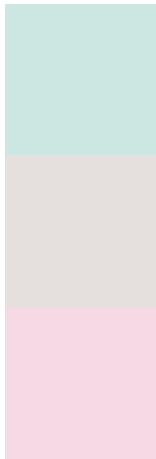
This preview shows how white text looks on a background with the YIQ color 222.3570, -14.4870, -7.2790.

-7.2790.

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

222.3570, -14.4870, -7.2790

Protanopia

225.2670, 3.6220, 0.4380

Deuteranopia

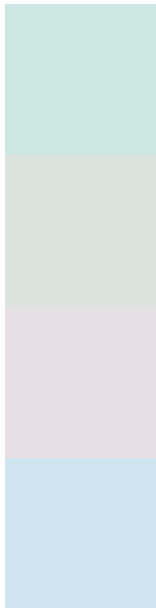
227.3270, 12.5610, 9.1450



Tritanopia

224.0720, -17.6980, 1.3580

Trichromacy



Original Color

222.3570, -14.4870, -7.2790

Protanomaly

224.4510, -2.8880, -2.7280

Deuteranomaly

225.6630, 2.5670, 3.0390

Tritanomaly

223.5620, -16.3220, -1.5540

Monochromacy



Original Color

222.3570, -14.4870, -7.2790

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.7820, -5.3180, -2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.3570, -14.4870, -7.2790 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(204, 231, 226)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 226)  
}
```

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(204, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 226) }
```

Border

The CSS property to change the border of an element to YIQ 222.3570, -14.4870, -7.2790 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(204, 231, 226) }
```


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

```
.border{ border-color:rgb(204, 231, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 231, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 231, 226); box-shadow:4px 4px 4px 4px rgb(204, 231, 226) }
```

Background

The CSS property to change the background color of an element to YIQ 222.3570, -14.4870, -7.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 226) }
```

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

```
.background{ background-color: rgb(204,  
231, 226) }
```

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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