

Converting Colors

YIQ(224.3150, -14.6690,
-14.9970)

Have a look what the booklet for
YIQ(224.3150, -14.6690, -14.9970)
contains.

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Color

**YIQ(224.3150, -14.6690,
-14.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EED7
RGB	201, 238, 215
RGB Percent	79%, 93%, 84%
CMY	0.2119, 0.0666, 0.1569
CMYK	0.16, 0.00, 0.10, 0.07
HSL	143°, 52%, 86%
HSV	143°, 16%, 93%
XYZ	66.9238, 78.4778, 75.9035
YIQ	224.3150, -14.6690, -14.9970

Conversions

Conversions Part 2

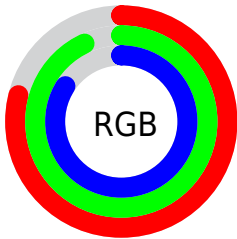
Format	Color
RYB	201, 228, 238
Decimal	13233879
CIELab	91.00, -16.38, 7.14
CIELCh	91, 17.866, 156.436
Yxy	78.4778, 0.3024, 0.3546
Android (android.graphics.Color)	4291423959 (0xFFC9EED7)
YUV	224.3150, -4.5923, -20.4473
Hunter-Lab	88.5877, -20.1800, 11.2106

Details

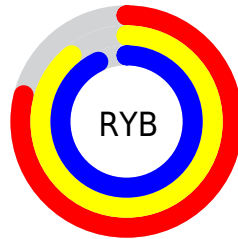
The YIQ color $224.3150, -14.6690, -14.9970$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.6850, 14.6690, 14.9970$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.0270, -13.7980, -14.2620$ is the 20% darker color. If you saturate the color by 10%, you get $215.4290, -24.1580, -24.7500$, and if you desaturate by 10%, it is $233.2010, -5.1800, -5.2440$.

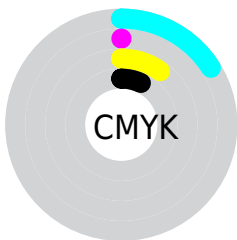
Distribution



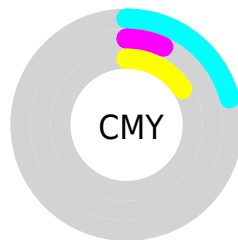
- Red (79%)
- Green (93%)
- Blue (84%)



- Red (79%)
- Yellow (89%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.3150, -14.6690, -14.9970 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 224.3150, -14.6690, -14.9970 by changing the saturation by 10% instead.

■ 224.3150,
-14.6690, -14.9970

■ 224.3150,
-14.6690, -14.9970

255.0000, -0.0000,
-0.0000

■ 196.3150,
-14.6690, -14.9970

■ 169.0270,
-13.7980, -14.2620

■ 142.4400,
-13.5230, -13.7390

■ 116.5540,
-13.8440, -13.4280

■ 91.9670, -13.5690,
-12.9050

■ 68.2660, -12.9730,
-12.6930

■ 45.4940, -13.6150,

-12.0710

■ 23.6080, -13.9360,
-11.7600

■ 4.1090, -1.9250,
-3.6610

■ 224.3150,
-14.6690, -14.9970

■ 224.3150,
-14.6690, -14.9970

■ 215.4290,
-24.1580, -24.7500

■ 233.2010, -5.1800,
-5.2440

■ 206.5430,
-33.6470, -34.5030

■ 242.0870, 4.3090,
4.5090

■ 198.0700,
-42.8610, -43.7330

■ 245.0210, 4.6750,
8.8910

■ 189.1840,
-52.3500, -53.4860

■ 180.2980,
-61.8390, -63.2390

■ 171.4120,
-71.3280, -72.9920

■ 162.5260,
-80.8170, -82.7450

■ 154.0530,
-90.0310, -91.9750

■ 149.9660,
-94.3400, -96.4840

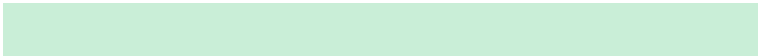
Harmonies

Analogous

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



226.0520, 2.2490, -13.2310



224.3150, -14.6690, -14.9970



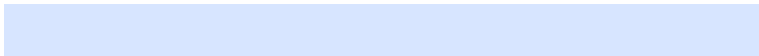
222.9530, -28.1490, -12.9890

Triad

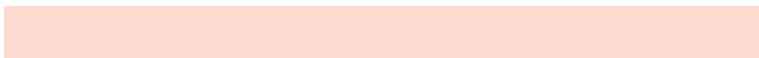
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.3150, -14.6690, -14.9970



227.7780, -16.6900, 5.1180



228.7380, 24.3450, 4.8330

Complementary

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



224.3150, -14.6690, -14.9970



214.6850, 14.6690, 14.9970

Split Complementary

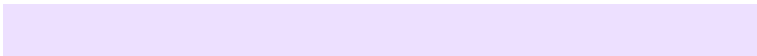
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.3880, 19.7590, 10.8550



224.3150, -14.6690, -14.9970



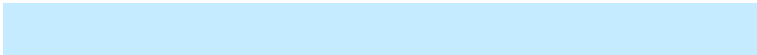
231.4210, -2.2030, 12.3970

Square

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



224.3150, -14.6690, -14.9970



225.6190, -29.6640, -2.0480



232.5000, 13.7520, 15.0960



230.3050, 26.8220, -1.5140

Rectangle

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



224.3150, -14.6690, -14.9970



223.4240, -33.7890, -9.8930



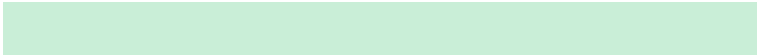
232.5000, 13.7520, 15.0960



228.7210, 23.0150, 6.9110

Sweetspot

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



224.3150, -14.6690, -14.9970



250.2010, -5.1800, -5.2440



229.5960, 3.5330, -14.4750



125.0380, -3.1630, -3.2510



0.0000, 0.0000, 0.0000



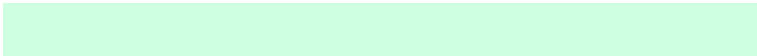
128.0000, -0.0000, -0.0000

Same Dimension

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



224.3150, -14.6690, -14.9970



237.2280, -18.9780, -19.5060



226.3670, -20.4470, -9.3990



115.5000, -4.5840, -5.0320



115.8740, -72.7490, -74.7730



35.2660, -22.1410, -22.7570

Inverse Universe

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



214.6850, 14.6690, 14.9970



224.7720, 18.9780, 19.5060



212.6330, 20.4470, 9.3990



112.3860, 4.9050, 4.7210



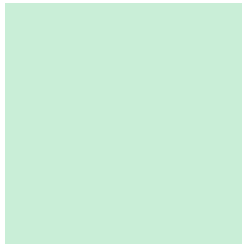
68.0120, 73.0700, 74.4620



20.7340, 22.1410, 22.7570

Previews

White Background



This preview shows how the YIQ color 224.3150, -14.6690, -14.9970 looks on a white background.

Color Contrast Check

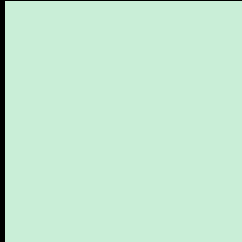
Large Text (above 18pt) WCAG AA × Fail

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 224.3150, -14.6690, -14.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

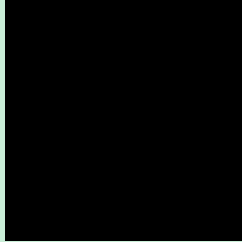
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

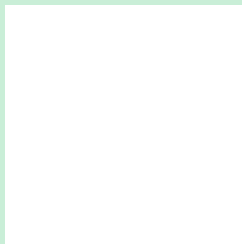
Any Text WCAG AAA ✓ Pass

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

YIQ 224.3150, -14.6690, -14.9970 Background



This preview shows how black text looks on a background with the YIQ color 224.3150, -14.6690, -14.9970.



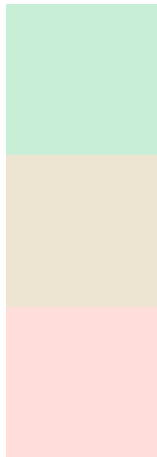
This preview shows how white text looks on a background with the YIQ color 224.3150, -14.6690, -14.9970.

-14.9970.

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

224.3150, -14.6690, -14.9970

Protanopia

228.6390, 11.1420, -3.6900

Deuteranopia

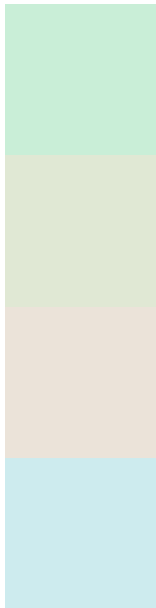
230.8240, 21.2270, 6.2750



Tritanopia

227.2780, -21.2740, 0.0860

Trichromacy



Original Color

224.3150, -14.6690, -14.9970

Protanomaly

227.3280, 1.6520, -7.9160

Deuteranomaly

228.2520, 7.9780, -1.4140

Tritanomaly

226.3720, -18.8430, -5.4270

Monochromacy



Original Color

224.3150, -14.6690, -14.9970

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.2010, -5.1800, -5.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.3150, -14.6690, -14.9970 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(201, 238, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 215)  
}
```

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(201, 238, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 215) }
```

Border

The CSS property to change the border of an element to YIQ 224.3150, -14.6690, -14.9970 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(201, 238, 215) }
```


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

```
.border{ border-color:rgb(201, 238, 215) }
```

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

Here you see how a box with a 4 pixel rgb(201, 238, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 224.3150, -14.6690, -14.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 215) }
```

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

```
.background{ background-color: rgb(201,  
238, 215) }
```

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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