

Converting Colors

YIQ(224.0050, -33.9270,
-7.3910)

Have a look what the booklet for
YIQ(224.0050, -33.9270, -7.3910)
contains.

YIQ(224.0050, -33.9270, -7.3910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(224.0050, -33.9270,
-7.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEEF9
RGB	187, 238, 249
RGB Percent	73%, 93%, 98%
CMY	0.2668, 0.0666, 0.0237
CMYK	0.25, 0.04, 0.00, 0.02
HSL	191°, 84%, 85%
HSV	191°, 25%, 98%
XYZ	68.1603, 78.5600, 101.1638
YIQ	224.0050, -33.9270, -7.3910

Conversions

Conversions Part 2

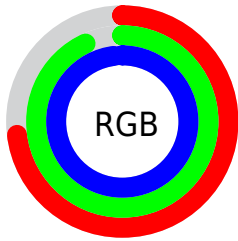
Format	Color
R _Y B	187, 215, 249
Decimal	12316409
CIE Lab	91.03, -13.81, -10.61
CIE LCh	91, 17.421, 217.538
Yxy	78.5600, 0.2750, 0.3169
Android (android.graphics.Color)	4290506489 (0xFFBBEEF9)
YUV	224.0050, 12.3225, -32.4534
Hunter-Lab	88.6341, -17.8416, -5.6277

Details

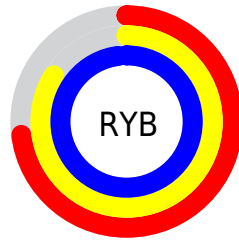
The YIQ color $224.0050, -33.9270, -7.3910$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $211.9950, 33.9270, 7.3910$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, -6.5560, -2.3320$, and $168.3040, -33.3310, -7.1790$ is the 20% darker color. If you saturate the color by 10%, you get $214.1820, -47.7270, -10.5990$, and if you desaturate by 10%, it is $233.8280, -20.1270, -4.1830$.

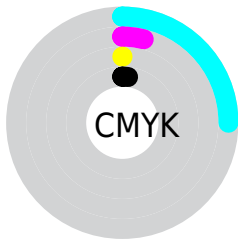
Distribution



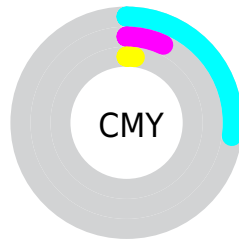
- Red (73%)
- Green (93%)
- Blue (98%)



- Red (73%)
- Yellow (84%)
- Blue (98%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.0050, -33.9270, -7.3910 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 224.0050, -33.9270, -7.3910 by changing the saturation by 10% instead.

■ 224.0050,
-33.9270, -7.3910

■ 224.0050,
-33.9270, -7.3910

■ 255.0000, -0.0000,
-0.0000

■ 195.8910,
-33.6060, -7.7020

■ 251.7110, -6.5560,
-2.3320

■ 168.3040,
-33.3310, -7.1790

■ 141.4890,
-32.4140, -7.2780

■ 115.4890,
-32.4140, -7.2780

■ 90.1900, -33.0100,
-7.4900

■ 65.4780, -33.8810,
-8.2250

■ 40.9830, -36.8610,

-9.2850

■ 25.5610, -23.7490,
-4.6210

■ 7.4320, -9.9040,
3.2800

■ 224.0050,
-33.9270, -7.3910

■ 224.0050,
-33.9270, -7.3910

■ 214.1820,
-47.7270, -10.5990

■ 233.8280,
-20.1270, -4.1830

■ 203.7720,
-61.2520, -13.2840

■ 244.2380, -6.6020,
-1.4980

■ 193.9490,
-75.0520, -16.4920

■ 251.9680, 3.0260,
0.2260

■ 183.5390,
-88.5770, -19.1770

■ 254.3160, 1.9260,
-1.8660

■ 173.7160,
-102.3770, -22.3850

■ 164.1920,
-115.5810, -25.3810

■ 153.7820,
-129.1060, -28.0660

■ 148.7210,
-136.3040, -29.7760

Harmonies

Analogous

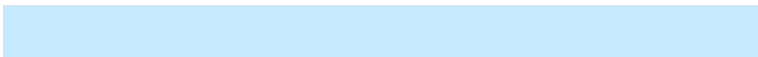
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.3660, -27.8740, -12.4660



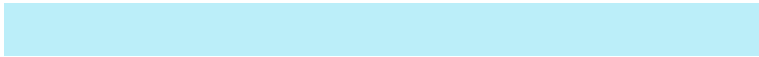
224.0050, -33.9270, -7.3910



225.3310, -28.7930, -1.3130

Triad

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



224.0050, -33.9270, -7.3910



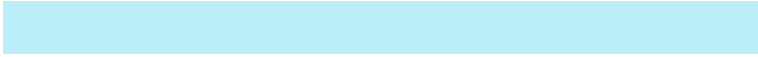
232.3860, 14.0730, 14.7850



227.9290, 15.9570, -8.3550

Complementary

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



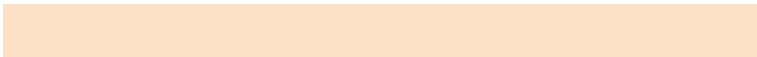
224.0050, -33.9270, -7.3910



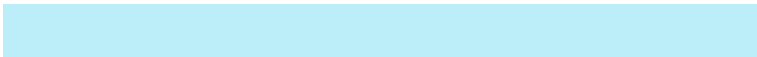
211.9950, 33.9270, 7.3910

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.



230.1200, 25.9050, -1.4150



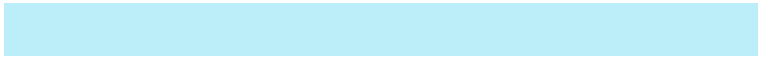
224.0050, -33.9270, -7.3910



229.9750, 19.4840, 10.3320

Square

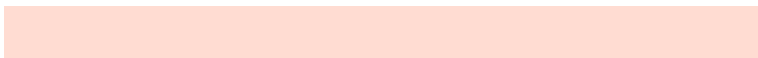
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



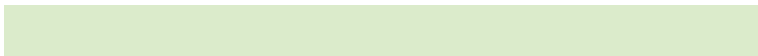
224.0050, -33.9270, -7.3910



231.7200, -1.6070, 12.6090



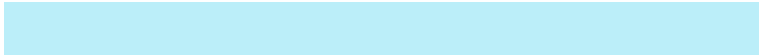
229.3250, 24.0700, 4.3100



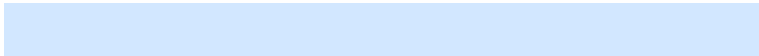
226.5680, 0.7360, -13.3440

Rectangle

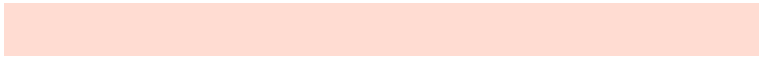
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



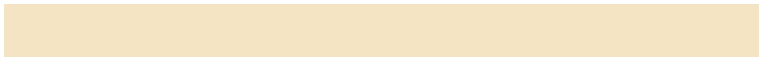
224.0050, -33.9270, -7.3910



227.4570, -20.2200, 3.0120



229.3250, 24.0700, 4.3100



229.1360, 19.8080, -6.5600

Sweetspot

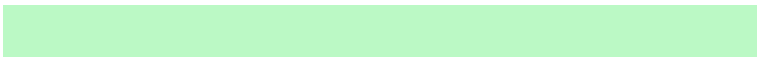
The Sweet Spot groups the original color and five complimentary colors.



224.0050, -33.9270, -7.3910



247.8570, -9.9030, -2.2470



224.5340, -20.2600, -29.3160



123.5370, -6.0060, -1.2860



0.0000, 0.0000, 0.0000



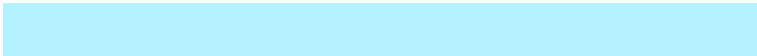
128.0000, -0.0000, -0.0000

Same Dimension

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



224.0050, -33.9270, -7.3910



224.6450, -41.7210, -9.3130



206.3950, -25.6770, 8.2990



119.9390, -7.1980, -1.7100



112.5310, -103.2940, -22.2860



36.3040, -33.3310, -7.1790

Inverse Universe

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



211.3520, 20.5810, 29.0050



208.9060, 25.0730, 35.7050



229.6050, 25.6770, -8.2990



117.1410, 4.2170, 6.1770



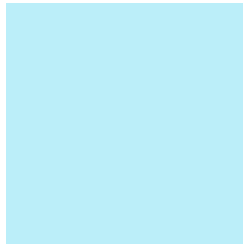
74.1810, 62.8890, 88.2730



23.9390, 20.3060, 28.4820

Previews

White Background



This preview shows how the YIQ color 224.0050, -33.9270, -7.3910 looks on a white background.

Color Contrast Check

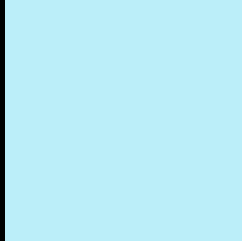
Large Text (above 18pt) WCAG AA × Fail

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 224.0050, -33.9270, -7.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

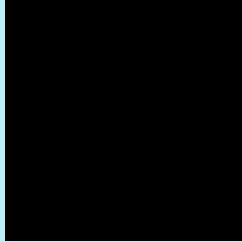
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.0050, -33.9270, -7.3910

Background



This preview shows how black text looks on a background with the YIQ color 224.0050, -33.9270, -7.3910.



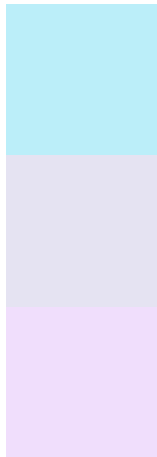
This preview shows how white text looks on a background with the YIQ color 224.0050, -33.9270, -7.3910.

-7.3910.

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

224.0050, -33.9270, -7.3910

Protanopia

229.3080, -3.6230, 5.0890

Deuteranopia

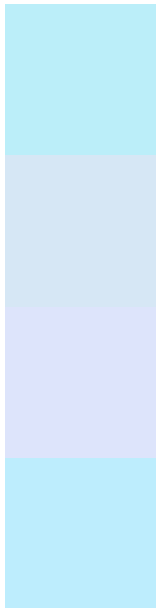
230.8020, 1.0980, 13.1460



Tritanopia

224.9990, -33.7900, -4.3660

Trichromacy



Original Color

224.0050, -33.9270, -7.3910

Protanomaly

227.5130, -14.6260, 0.7500

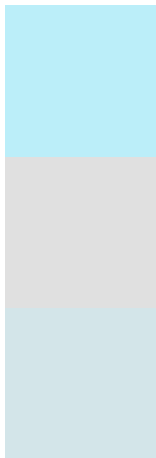
Deuteranomaly

228.5290, -11.5550, 5.6690

Tritanomaly

224.4720, -33.7440, -5.2000

Monochromacy



Original Color

224.0050, -33.9270, -7.3910

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0740, -12.0120, -2.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.0050, -33.9270, -7.3910 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(187, 238, 249)` looks like.

```
.text, #text, p{  
    color:rgb(187, 238, 249)  
}
```

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(187, 238, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 238, 249) }
```

Border

The CSS property to change the border of an element to YIQ 224.0050, -33.9270, -7.3910 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(187, 238, 249) }
```


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

```
.border{ border-color:rgb(187, 238, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 238, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 238, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 238, 249);  
box-shadow:4px 4px 4px 4px rgb(187, 238,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 224.0050, -33.9270, -7.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 238, 249) }
```

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

```
.background{ background-color: rgb(187,  
238, 249) }
```

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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