

Converting Colors

YIQ(224.1130, -34.1110,
-4.0550)

Have a look what the booklet for
YIQ(224.1130, -34.1110, -4.0550)
contains.

YIQ(224.1130, -34.1110, -4.0550)	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(224.1130, -34.1110,
-4.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	BDECFF
RGB	189, 236, 255
RGB Percent	74%, 93%, 100%
CMY	0.2589, 0.0744, 0.0001
CMYK	0.26, 0.07, 0.00, 0.00
HSL	197°, 100%, 87%
HSV	197°, 26%, 100%
XYZ	69.0249, 78.0354, 105.9998
YIQ	224.1130, -34.1110, -4.0550

Conversions

Conversions Part 2

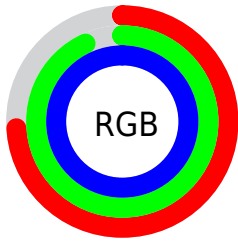
Format	Color
R_{YB}	189, 216, 255
Decimal	12446975
CIE _{Lab}	90.80, -10.90, -14.09
CIE _{LCh}	91, 17.813, 232.268
Yxy	78.0354, 0.2728, 0.3084
Android (android.graphics.Color)	4290637055 (0xFFBDECFF)
YUV	224.1130, 15.2273, -30.7941
Hunter-Lab	88.3376, -15.1152, -9.3080

Details

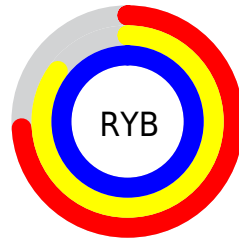
The YIQ color $224.1130, -34.1110, -4.0550$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.8870, 34.1110, 4.0550$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $168.2980, -33.1940, -4.1540$ is the 20% darker color. If you saturate the color by 10%, you get $212.2300, -47.6820, -5.9060$, and if you desaturate by 10%, it is $235.6970, -21.1360, -2.4160$.

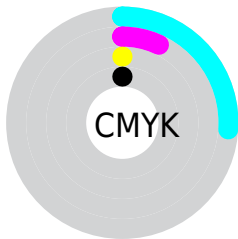
Distribution



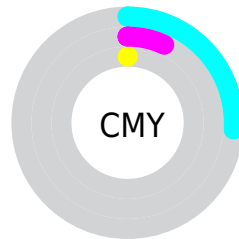
- Red (74%)
- Green (93%)
- Blue (100%)



- Red (74%)
- Yellow (85%)
- Blue (100%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.1130, -34.1110, -4.0550 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 224.1130, -34.1110, -4.0550 by changing the saturation by 10% instead.

■ 224.1130,
-34.1110, -4.0550

■ 224.1130,
-34.1110, -4.0550

■ 255.0000, -0.0000,
-0.0000

■ 195.9990,
-33.7900, -4.3660

■ 252.3090, -5.3640,
-1.9080

■ 168.2980,
-33.1940, -4.1540

■ 141.5970,
-32.5980, -3.9420

■ 115.4830,
-32.2770, -4.2530

■ 90.1840, -32.8730,
-4.4650

■ 65.1730, -34.3400,
-5.4120

■ 40.2650, -37.5950,

-6.9950

■ 25.4300, -24.7580,
-2.8540

■ 7.3010, -10.9130,
5.0470

■ 224.1130,
-34.1110, -4.0550

■ 224.1130,
-34.1110, -4.0550

■ 212.2300,
-47.6820, -5.9060

■ 235.6970,
-21.1360, -2.4160

■ 200.0590,
-60.3820, -7.0220

■ 248.1670, -7.8400,
-1.0880

■ 188.1760,
-73.9530, -8.8730

255.0000, -0.0000,
-0.0000

■ 176.5920,
-86.9280, -10.5120

■ 164.1220,
-100.2240, -11.8400

■ 152.5380,
-113.1990, -13.4790

■ 140.9540,
-126.1740, -15.1180

■ 135.9040,
-131.9050, -15.8810

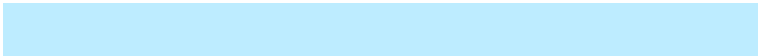
Harmonies

Analogous

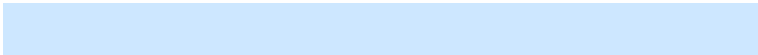
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.4950, -32.5510, -10.3030



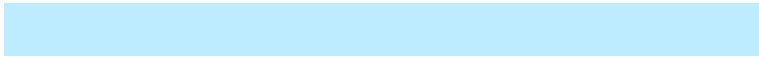
224.1130, -34.1110, -4.0550



225.9620, -23.2000, 1.9520

Triad

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



224.1130, -34.1110, -4.0550



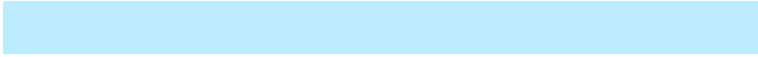
230.3000, 17.1910, 13.3430



226.5260, 9.7220, -10.9980

Complementary

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



224.1130, -34.1110, -4.0550



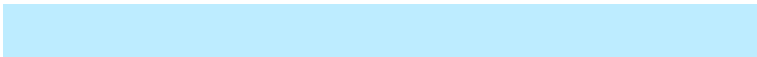
219.8870, 34.1110, 4.0550

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.



228.7450, 22.4670, -5.1890



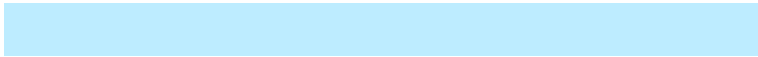
224.1130, -34.1110, -4.0550



228.2480, 22.9690, 7.7450

Square

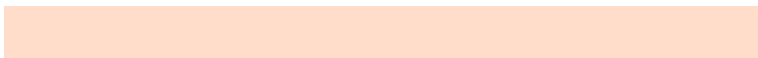
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



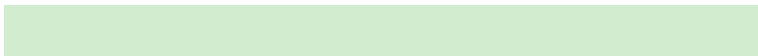
224.1130, -34.1110, -4.0550



231.4930, 6.4620, 15.0540



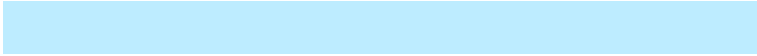
229.0000, 26.3630, 1.2990



224.6210, -6.7830, -14.7430

Rectangle

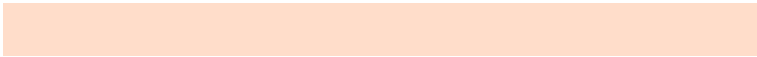
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



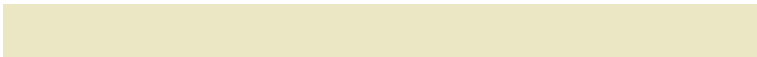
224.1130, -34.1110, -4.0550



228.3870, -14.0310, 6.4890



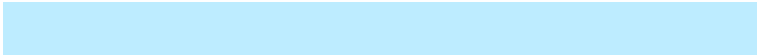
229.0000, 26.3630, 1.2990



227.5050, 14.2150, -9.8250

Sweetspot

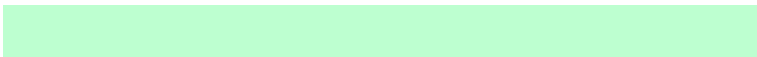
The Sweet Spot groups the original color and five complimentary colors.



224.1130, -34.1110, -4.0550



245.4980, -10.2700, -1.1020



229.9080, -24.2490, -28.6090



121.7650, -6.6480, -0.6640



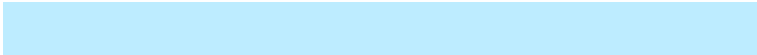
0.0000, 0.0000, 0.0000



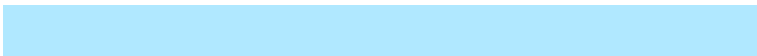
128.0000, -0.0000, -0.0000

Same Dimension

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



224.1130, -34.1110, -4.0550



217.8780, -40.7590, -4.7190



204.7420, -25.0360, 13.2040



121.7650, -6.6480, -0.6640



101.6060, -98.7110, -11.7270



33.7110, -32.9190, -3.6310

Inverse Universe

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



214.0920, 24.2490, 28.6090



206.0050, 29.1080, 34.1640



239.2580, 25.0360, -13.2040



119.9130, 4.8590, 5.5550



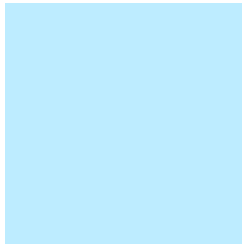
72.6130, 70.1800, 82.7880



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 224.1130, -34.1110, -4.0550 looks on a white background.

Color Contrast Check

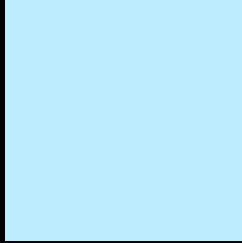
Large Text (above 18pt) WCAG AA × Fail

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 224.1130, -34.1110, -4.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

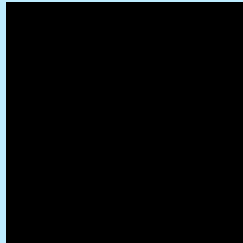
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.1130, -34.1110, -4.0550

Background



This preview shows how black text looks on a background with the YIQ color 224.1130, -34.1110, -4.0550.



This preview shows how white text looks on a background with the YIQ color 224.1130, -34.1110, -4.0550.

-4.0550.

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

224.1130, -34.1110, -4.0550

Protanopia

228.6220, -7.3830, 7.1530

Deuteranopia

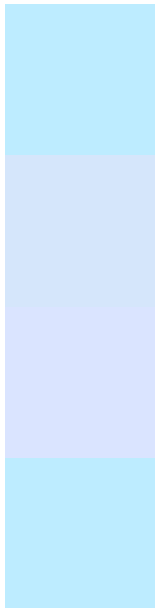
230.2360, -3.1200, 12.4960



Tritanopia

224.1130, -34.1110, -4.0550

Trichromacy



Original Color

224.1130, -34.1110, -4.0550

Protanomaly

227.3110, -16.8730, 2.9270

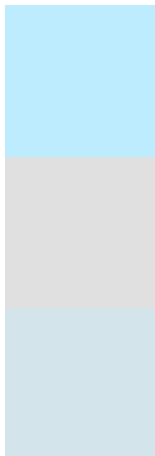
Deuteranomaly

228.0880, -14.6270, 6.2770

Tritanomaly

224.1130, -34.1110, -4.0550

Monochromacy



Original Color

224.1130, -34.1110, -4.0550

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7150, -12.3790, -1.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.1130, -34.1110, -4.0550 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(189, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 236, 255)  
}
```

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(189, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 236, 255) }
```

Border

The CSS property to change the border of an element to YIQ 224.1130, -34.1110, -4.0550 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(189, 236, 255) }
```


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

```
.border{ border-color:rgb(189, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 236,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 224.1130, -34.1110, -4.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 236, 255) }
```

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

```
.background{ background-color: rgb(189,  
236, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor