

Converting Colors

YIQ(224.3540, -28.7410,
-35.3090)

Have a look what the booklet for
YIQ(224.3540, -28.7410, -35.3090)
contains.

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Color

**YIQ(224.3540, -28.7410,
-35.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	AFFFC4
RGB	175, 255, 196
RGB Percent	69%, 100%, 77%
CMY	0.3139, 0.0000, 0.2314
CMYK	0.31, 0.00, 0.23, 0.00
HSL	136°, 100%, 84%
HSV	136°, 31%, 100%
XYZ	63.3880, 84.6120, 65.2050
YIQ	224.3540, -28.7410, -35.3090

Conversions

Conversions Part 2

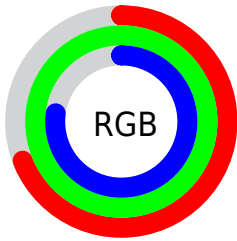
Format	Color
RYB	175, 238, 255
Decimal	11534276
CIELab	93.72, -36.07, 20.59
CIELCh	94, 41.530, 150.285
Yxy	84.6120, 0.2973, 0.3969
Android (android.graphics.Color)	4289724356 (0xFFAFFFC4)
YUV	224.3540, -13.9785, -43.2835
Hunter-Lab	91.9848, -37.9665, 22.3606

Details

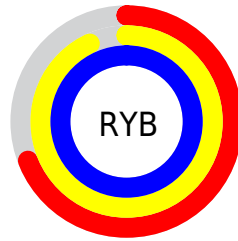
The YIQ color **224.3540, -28.7410, -35.3090** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **205.6460, 28.7410, 35.3090**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8950, -13.0660, -5.4980**, and **168.2940, -28.5120, -33.9520** is the 20% darker color. If you saturate the color by 10%, you get **214.4140, -38.1380, -46.7300**, and if you desaturate by 10%, it is **233.9950, -19.9400, -24.1000**.

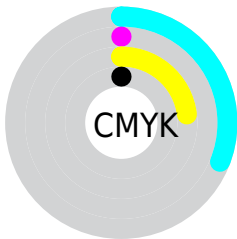
Distribution



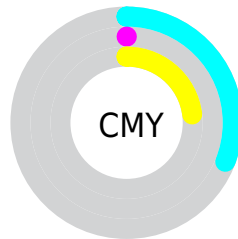
- Red (69%)
- Green (100%)
- Blue (77%)



- Red (69%)
- Yellow (93%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.3540, -28.7410, -35.3090 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 224.3540, -28.7410, -35.3090 by changing the saturation by 10% instead.

■ 224.3540,
-28.7410, -35.3090

■ 224.3540,
-28.7410, -35.3090

255.0000, -0.0000,
-0.0000

■ 195.8810,
-28.7870, -34.4750

■ 247.8950,
-13.0660, -5.4980

■ 168.2940,
-28.5120, -33.9520

■ 140.8210,
-28.5580, -33.1180

■ 114.0490,
-29.2000, -32.4960

■ 87.7930, -31.3550,
-31.9870

■ 59.1340, -39.7450,
-34.1210

■ 42.5380, -26.0830,

-28.4110

■ 26.4150, -12.3750,
-23.5350

■ 12.3270, -5.7750,
-10.9830

■ 224.3540,
-28.7410, -35.3090

■ 224.3540,
-28.7410, -35.3090

■ 214.4140,
-38.1380, -46.7300

■ 233.9950,
-19.9400, -24.1000

■ 204.7730,
-46.9390, -57.9390

■ 243.9350,
-10.5430, -12.6790

■ 194.9470,
-56.6570, -69.0490

■ 253.4620, -1.4210,
-1.7810

■ 185.3060,
-65.4580, -80.2580

■ 255.0000, -0.0000,
-0.0000

■ 175.3660,
-74.8550, -91.6790

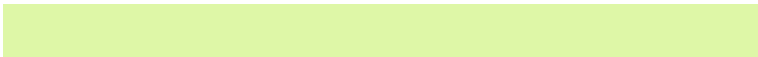
■ 165.7250,
-83.6560, -102.8880

■ 157.3230,
-91.6320, -112.5280

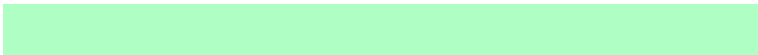
Harmonies

Analogous

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



230.4050, 10.7800, -30.1800



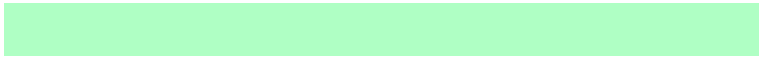
224.3540, -28.7410, -35.3090



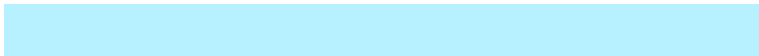
214.8610, -69.5930, -32.8330

Triad

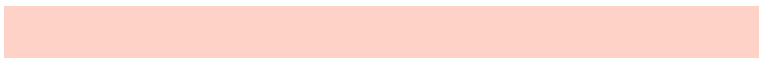
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.3540, -28.7410, -35.3090



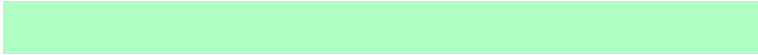
225.2540, -39.0620, -7.9420



222.2010, 30.3510, 6.1190

Complementary

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



224.3540, -28.7410, -35.3090



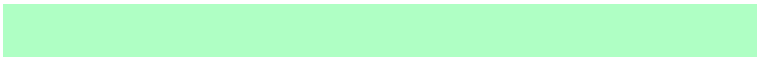
205.6460, 28.7410, 35.3090

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.



224.8860, 18.6570, 19.8170



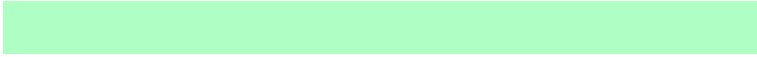
224.3540, -28.7410, -35.3090



234.3890, 0.8230, 12.6230

Square

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



224.3540, -28.7410, -35.3090



214.3690, -76.6550, -25.9910



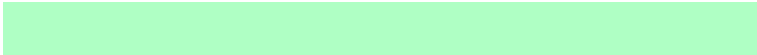
230.3460, 11.5500, 21.9660



225.2380, 36.9560, -8.9640

Rectangle

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



224.3540, -28.7410, -35.3090



210.1500, -89.4000, -31.8000



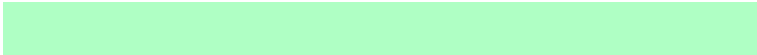
230.3460, 11.5500, 21.9660



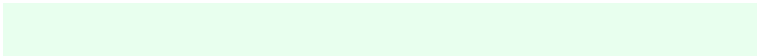
222.3950, 27.0490, 10.8970

Sweetspot

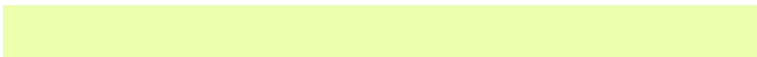
The Sweet Spot groups the original color and five complimentary colors.



224.3540, -28.7410, -35.3090



246.1850, -8.2510, -10.1630



239.9000, 13.7600, -29.1200



122.2610, -5.4090, -6.6010



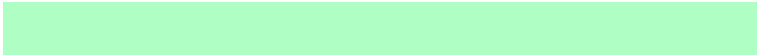
0.0000, 0.0000, 0.0000



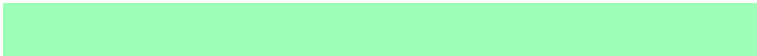
128.0000, -0.0000, -0.0000

Same Dimension

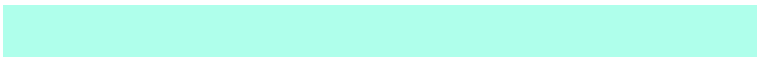
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.3540, -28.7410, -35.3090



217.9030, -35.0210, -42.6450



228.8000, -41.2600, -23.1800



122.9730, -4.5380, -5.8660



117.8170, -68.5750, -84.3430



39.5060, -23.0570, -28.1850

Inverse Universe

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



205.6460, 28.7410, 35.3090



195.2110, 34.7000, 42.9560



201.2000, 41.2600, 23.1800



119.9130, 4.8590, 5.5550



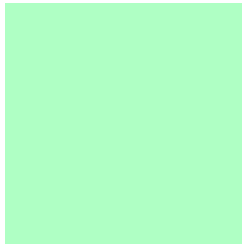
73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 224.3540, -28.7410, -35.3090 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 224.3540, -28.7410, -35.3090 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

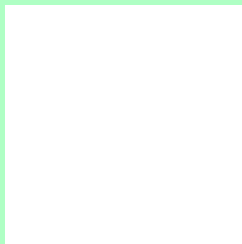
Any Text WCAG AAA ✓ Pass

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

YIQ 224.3540, -28.7410, -35.3090 Background



This preview shows how black text looks on a background with the YIQ color 224.3540, -28.7410, -35.3090.



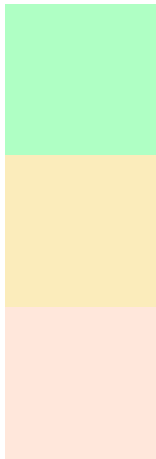
This preview shows how white text looks on a background with the YIQ color 224.3540, -28.7410, -35.3090.

-35.3090.

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

224.3540, -28.7410, -35.3090

Protanopia

234.8990, 24.6690, -12.0590

Deuteranopia

236.8080, 18.1560, 1.3560



Tritanopia

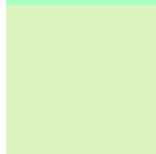
233.3160, -24.4370, -3.1650

Trichromacy



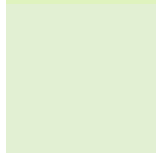
Original Color

224.3540, -28.7410, -35.3090



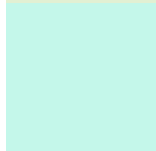
Protanomaly

230.9780, 5.0930, -20.7230



Deuteranomaly

232.5080, 0.9650, -11.9870



Tritanomaly

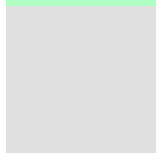
230.2690, -26.2230, -14.8550

Monochromacy



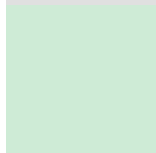
Original Color

224.3540, -28.7410, -35.3090



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.9350, -10.5430, -12.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.3540, -28.7410, -35.3090 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(175, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 196)  
}
```

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(175, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 196) }
```

Border

The CSS property to change the border of an element to YIQ 224.3540, -28.7410, -35.3090 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(175, 255, 196) }
```


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

```
.border{ border-color:rgb(175, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 224.3540, -28.7410, -35.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 196) }
```

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

```
.background{ background-color: rgb(175,  
255, 196) }
```

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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