

Converting Colors

YIQ(215.8550, -43.0930,
-28.5090)

Have a look what the booklet for
YIQ(215.8550, -43.0930, -28.5090)
contains.

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Color

**YIQ(215.8550, -43.0930,
-28.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	9DF6D7
RGB	157, 246, 215
RGB Percent	62%, 96%, 84%
CMY	0.3845, 0.0351, 0.1570
CMYK	0.36, 0.00, 0.13, 0.04
HSL	159°, 83%, 79%
HSV	159°, 36%, 96%
XYZ	59.1212, 78.0008, 76.2044
YIQ	215.8550, -43.0930, -28.5090

Conversions

Conversions Part 2

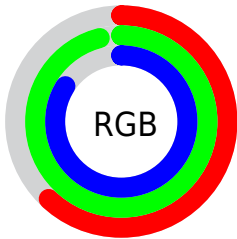
Format	Color
RYB	157, 211, 246
Decimal	10352343
CIELab	90.78, -33.45, 6.53
CIELCh	91, 34.078, 168.946
Yxy	78.0008, 0.2771, 0.3656
Android (android.graphics.Color)	4288542423 (0xFF9DF6D7)
YUV	215.8550, -0.4215, -51.6158
Hunter-Lab	88.3181, -35.0665, 10.6648

Details

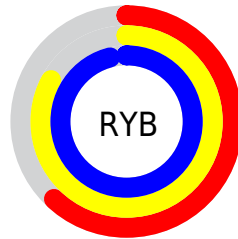
The YIQ color **215.8550, -43.0930, -28.5090** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **187.1450, 43.0930, 28.5090**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, -24.4360, -8.6920**, and **159.3820, -43.1390, -27.6750** is the 20% darker color. If you saturate the color by 10%, you get **207.3540, -55.1040, -36.6080**, and if you desaturate by 10%, it is **224.3560, -31.0820, -20.4100**.

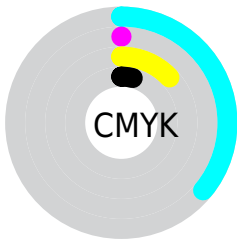
Distribution



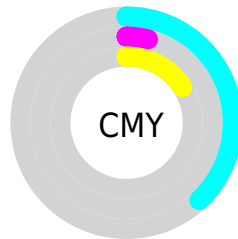
- Red (62%)
- Green (96%)
- Blue (84%)



- Red (62%)
- Yellow (83%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.8550, -43.0930, -28.5090 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 215.8550, -43.0930, -28.5090 by changing the saturation by 10% instead.

■ 215.8550,
-43.0930, -28.5090

■ 215.8550,
-43.0930, -28.5090

■ 255.0000, -0.0000,
-0.0000

■ 187.2680,
-42.8180, -27.9860

■ 242.7410,
-24.4360, -8.6920

■ 159.3820,
-43.1390, -27.6750

■ 251.4120, -7.1520,
-2.5440

■ 132.4960,
-43.4600, -27.3640

■ 104.8270,
-45.8900, -27.3780

■ 74.5590, -56.9390,
-30.8830

■ 56.8490, -42.9560,
-25.4840

■ 40.3670, -29.6150,

-19.4630

■ 25.0590, -16.8240,
-14.4880

■ 2.9350, -1.3750,
-2.6150

■ 215.8550,
-43.0930, -28.5090

■ 215.8550,
-43.0930, -28.5090

■ 207.3540,
-55.1040, -36.6080

■ 224.3560,
-31.0820, -20.4100

■ 199.2660,
-66.8400, -44.1840

■ 232.4440,
-19.3460, -12.8340

■ 190.7650,
-78.8510, -52.2830

■ 240.9450, -7.3350,
-4.7350

■ 182.6770,
-90.5870, -59.8590

■ 249.0330, 4.4010,
2.8410

■ 174.1760,
-102.5980, -67.9580

■ 249.7170, 2.4750,
4.7070

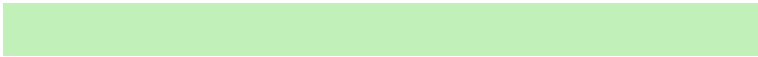
■ 165.6750,
-114.6090, -76.0570

■ 162.6420,
-119.0100, -78.8980

Harmonies

Analogous

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



220.2640, -10.6320, -27.5920



215.8550, -43.0930, -28.5090



212.5440, -69.7780, -23.9700

Triad

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



215.8550, -43.0930, -28.5090



225.4410, -14.1230, 8.1570



221.3230, 35.5790, -0.5250

Complementary

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



215.8550, -43.0930, -28.5090



187.1450, 43.0930, 28.5090

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.



220.4060, 28.5160, 11.8440



215.8550, -43.0930, -28.5090



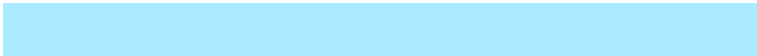
230.3460, 11.5500, 21.9660

Square

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



215.8550, -43.0930, -28.5090



217.8450, -45.1600, -7.5600



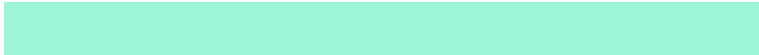
224.7550, 17.6480, 21.5840



225.3690, 37.9650, -10.7310

Rectangle

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



215.8550, -43.0930, -28.5090



211.7550, -71.7500, -21.2700



224.7550, 17.6480, 21.5840



220.4740, 33.8360, 3.5320

Sweetspot

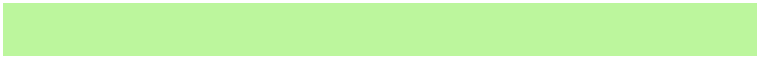
The Sweet Spot groups the original color and five complimentary colors.



215.8550, -43.0930, -28.5090



245.4880, -13.4780, -9.0460



218.5120, -5.9990, -39.9750



122.2330, -8.2060, -5.4700



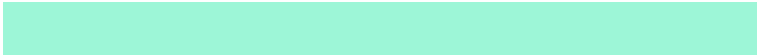
0.0000, 0.0000, 0.0000



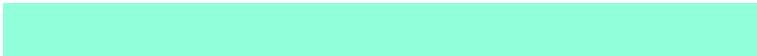
128.0000, -0.0000, -0.0000

Same Dimension

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



215.8550, -43.0930, -28.5090



217.7780, -53.3620, -35.1380



211.7580, -49.4690, -12.0690



117.9560, -5.8680, -3.7880



122.9760, -89.9910, -59.6470



38.9650, -28.4230, -19.0390

Inverse Universe

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



187.1450, 43.0930, 28.5090



182.3360, 53.0410, 35.4490



191.2420, 49.4690, 12.0690



114.0440, 5.8680, 3.7880



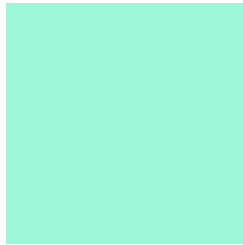
63.0240, 89.9910, 59.6470



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 215.8550, -43.0930, -28.5090 looks on a white background.

Color Contrast Check

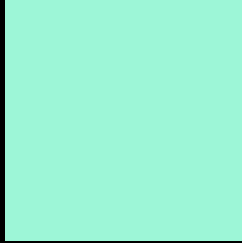
Large Text (above 18pt) WCAG AA × Fail

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 215.8550, -43.0930, -28.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

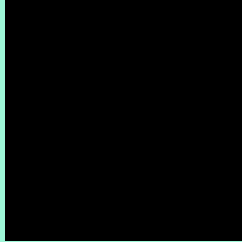
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

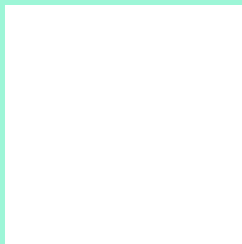
Any Text WCAG AAA ✓ Pass

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

YIQ 215.8550, -43.0930, -28.5090 Background



This preview shows how black text looks on a background with the YIQ color 215.8550, -43.0930, -28.5090.



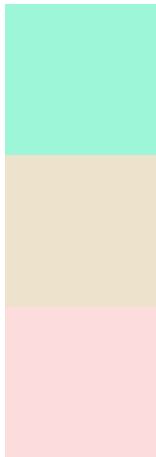
This preview shows how white text looks on a background with the YIQ color 215.8550, -43.0930, -28.5090.

-28.5090.

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

215.8550, -43.0930, -28.5090

Protanopia

227.4820, 13.0220, -4.7220

Deuteranopia

229.5680, 19.0720, 6.7840



Tritanopia

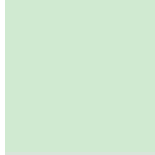
221.6990, -41.8130, -7.6450

Trichromacy



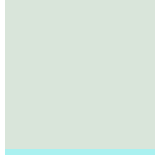
Original Color

215.8550, -43.0930, -28.5090



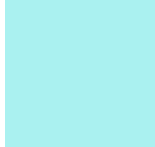
Protanomaly

223.3760, -7.4710, -13.2870



Deuteranomaly

224.1580, -3.6210, -5.9650



Tritanomaly

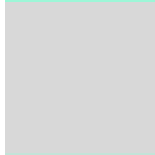
219.6570, -41.9950, -15.3630

Monochromacy



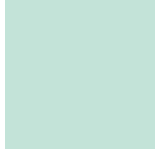
Original Color

215.8550, -43.0930, -28.5090



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

216.1780, -15.5410, -10.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.8550, -43.0930, -28.5090 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(157, 246, 215)` looks like.

```
.text, #text, p{  
    color:rgb(157, 246, 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(157, 246, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 246, 215) }
```

Border

The CSS property to change the border of an element to YIQ 215.8550, -43.0930, -28.5090 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(157, 246, 215) }
```


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

```
.border{ border-color:rgb(157, 246, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 246, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 246, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 246, 215);  
box-shadow:4px 4px 4px 4px rgb(157, 246,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 215.8550, -43.0930, -28.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 246, 215) }
```

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

```
.background{ background-color: rgb(157,  
246, 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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