

Converting Colors

YIQ(212.4540, -34.4740,
-25.0180)

Have a look what the booklet for
YIQ(212.4540, -34.4740, -25.0180)
contains.

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Color

**YIQ(212.4540, -34.4740,
-25.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	A4EED0
RGB	164, 238, 208
RGB Percent	64%, 93%, 82%
CMY	0.3570, 0.0665, 0.1844
CMYK	0.31, 0.00, 0.13, 0.07
HSL	156°, 69%, 79%
HSV	156°, 31%, 93%
XYZ	57.2648, 73.6070, 70.8452
YIQ	212.4540, -34.4740, -25.0180

Conversions

Conversions Part 2

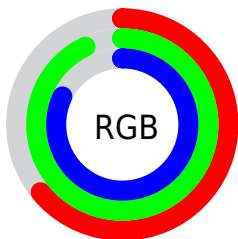
Format	Color
RYB	164, 210, 238
Decimal	10809040
CIELab	88.74, -29.15, 7.27
CIELCh	89, 30.045, 165.989
Yxy	73.6070, 0.2839, 0.3649
Android (android.graphics.Color)	4288999120 (0xFFA4EED0)
YUV	212.4540, -2.1958, -42.4942
Hunter-Lab	85.7945, -30.9981, 11.0972

Details

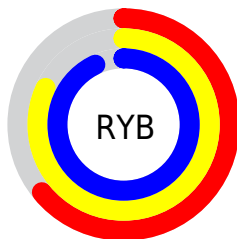
The YIQ color $212.4540, -34.4740, -25.0180$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $189.5460, 34.4740, 25.0180$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8340, -20.2640, -7.2080$, and $157.2800, -33.9240, -23.9720$ is the 20% darker color. If you saturate the color by 10%, you get $204.1380, -45.5680, -33.2160$, and if you desaturate by 10%, it is $220.7700, -23.3800, -16.8200$.

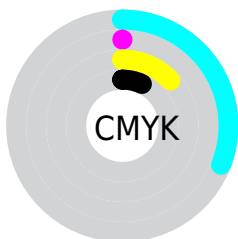
Distribution



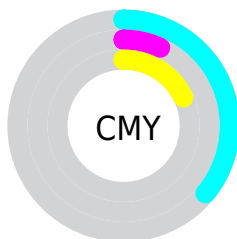
- Red (64%)
- Green (93%)
- Blue (82%)



- Red (64%)
- Yellow (82%)
- Blue (93%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.4540, -34.4740, -25.0180 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 212.4540, -34.4740, -25.0180 by changing the saturation by 10% instead.

■ 212.4540,
-34.4740, -25.0180

■ 212.4540,
-34.4740, -25.0180

255.0000, -0.0000,
-0.0000

■ 184.7530,
-33.8780, -24.8060

■ 244.8340,
-20.2640, -7.2080

■ 157.2800,
-33.9240, -23.9720

■ 253.5050, -2.9800,
-1.0600

■ 130.3940,
-34.2450, -23.6610

■ 103.6220,
-34.8870, -23.0390

■ 77.8390, -36.9960,
-23.3640

■ 52.7570, -39.7010,
-23.9010

■ 36.1610, -26.0390,

-18.1910

■ 22.0270, -13.7980,
-14.2620

■ 0.0000, 0.0000,
0.0000

■ 212.4540,
-34.4740, -25.0180

■ 212.4540,
-34.4740, -25.0180

■ 204.1380,
-45.5680, -33.2160

■ 220.7700,
-23.3800, -16.8200

■ 195.9360,
-56.9830, -41.1030

■ 228.9720,
-11.9650, -8.9330

■ 187.9190,
-67.4810, -49.0890

■ 236.9890, -1.4670,
-0.9470

■ 179.6030,
-78.5750, -57.2870

■ 244.1090, 7.2430,
6.4030

■ 171.4010,
-89.9900, -65.1740

■ 245.0210, 4.6750,
8.8910

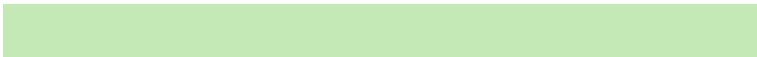
■ 163.0850,
-101.0840, -73.3720

■ 155.7800,
-110.7110, -80.6230

Harmonies

Analogous

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



216.1230, -5.6810, -23.7050



212.4540, -34.4740, -25.0180



209.7690, -57.1700, -21.1860

Triad

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



212.4540, -34.4740, -25.0180



220.7010, -17.7910, 8.5530



218.6160, 36.3120, 2.7120

Complementary

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



212.4540, -34.4740, -25.0180



189.5460, 34.4740, 25.0180

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.



218.5310, 29.6620, 13.1020



212.4540, -34.4740, -25.0180



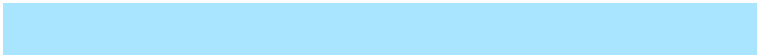
225.8940, 7.0110, 21.6270

Square

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



212.4540, -34.4740, -25.0180



214.3230, -43.5100, -4.4220



222.4240, 20.0780, 21.5980



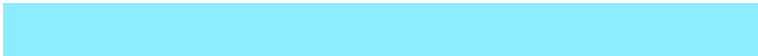
222.1890, 38.6520, -6.6600

Rectangle

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



212.4540, -34.4740, -25.0180



209.7500, -64.1860, -15.1780



222.4240, 20.0780, 21.5980



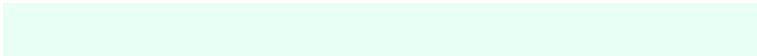
218.2400, 34.6150, 5.9350

Sweetspot

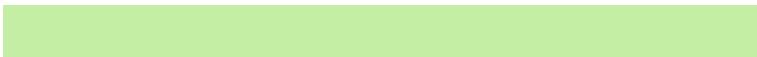
The Sweet Spot groups the original color and five complimentary colors.



212.4540, -34.4740, -25.0180



247.0970, -10.8190, -7.6750



216.7070, -1.8740, -32.1300



122.8310, -7.0140, -5.0460



0.0000, 0.0000, 0.0000



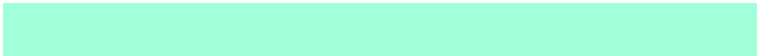
128.0000, -0.0000, -0.0000

Same Dimension

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



212.4540, -34.4740, -25.0180



222.5620, -43.8260, -31.7460



212.3520, -42.4540, -12.5500



115.8420, -5.5470, -4.0990



120.4340, -85.5890, -62.3330



36.6340, -25.9930, -19.0250

Inverse Universe

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



189.5460, 34.4740, 25.0180



193.4380, 43.8260, 31.7460



189.6480, 42.4540, 12.5500



112.1580, 5.5470, 4.0990



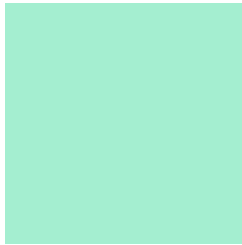
63.5660, 85.5890, 62.3330



19.3660, 25.9930, 19.0250

Previews

White Background



This preview shows how the YIQ color 212.4540, -34.4740, -25.0180 looks on a white background.

Color Contrast Check

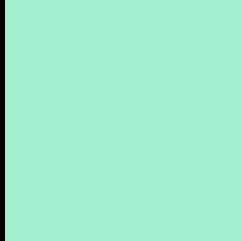
Large Text (above 18pt) WCAG AA × Fail

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 212.4540, -34.4740, -25.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

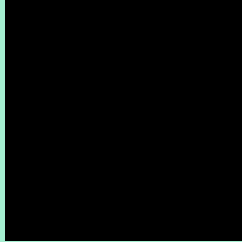
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

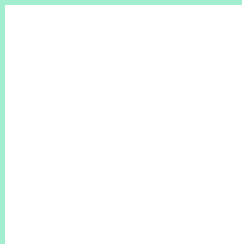
Any Text WCAG AAA ✓ Pass

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

YIQ 212.4540, -34.4740, -25.0180 Background



This preview shows how black text looks on a background with the YIQ color 212.4540, -34.4740, -25.0180.



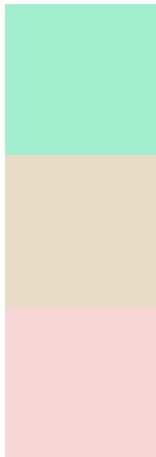
This preview shows how white text looks on a background with the YIQ color 212.4540, -34.4740, -25.0180.

-25.0180.

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

212.4540, -34.4740, -25.0180

Protanopia

221.4820, 13.0220, -4.7220

Deuteranopia

223.7530, 19.9890, 6.6850



Tritanopia

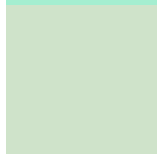
216.5250, -41.2630, -6.5990

Trichromacy



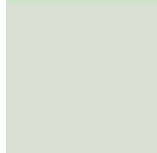
Original Color

212.4540, -34.4740, -25.0180



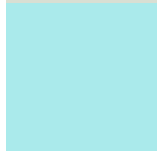
Protanomaly

218.1700, -3.8950, -12.0150



Deuteranomaly

219.8380, 0.2760, -5.0040



Tritanomaly

214.9780, -38.4650, -13.2570

Monochromacy



Original Color

212.4540, -34.4740, -25.0180



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

212.0860, -12.2860, -8.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.4540, -34.4740, -25.0180 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(164, 238, 208)` looks like.

```
.text, #text, p{  
    color:rgb(164, 238, 208)  
}
```

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(164, 238, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 238, 208) }
```

Border

The CSS property to change the border of an element to YIQ 212.4540, -34.4740, -25.0180 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(164, 238, 208) }
```


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

```
.border{ border-color:rgb(164, 238, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 238, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 238, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 238, 208);  
box-shadow:4px 4px 4px 4px rgb(164, 238,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 212.4540, -34.4740, -25.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 238, 208) }
```

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

```
.background{ background-color: rgb(164,  
238, 208) }
```

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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