

Converting Colors

YIQ(215.9760, -36.1240,
-28.1560)

Have a look what the booklet for
YIQ(215.9760, -36.1240, -28.1560)
contains.

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Color

**YIQ(215.9760, -36.1240,
-28.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F4D0
RGB	164, 244, 208
RGB Percent	64%, 96%, 82%
CMY	0.3571, 0.0430, 0.1844
CMYK	0.33, 0.00, 0.15, 0.04
HSL	153°, 79%, 80%
HSV	153°, 33%, 96%
XYZ	59.0410, 77.1609, 71.4373
YIQ	215.9760, -36.1240, -28.1560

Conversions

Conversions Part 2

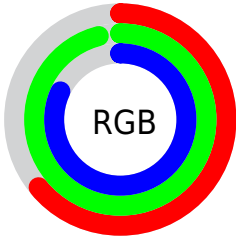
Format	Color
RYB	164, 216, 244
Decimal	10810576
CIELab	90.40, -31.98, 9.65
CIELCh	90, 33.407, 163.204
Yxy	77.1609, 0.2843, 0.3716
Android (android.graphics.Color)	4289000656 (0xFFA4F4D0)
YUV	215.9760, -3.9322, -45.5830
Hunter-Lab	87.8413, -33.7466, 13.2711

Details

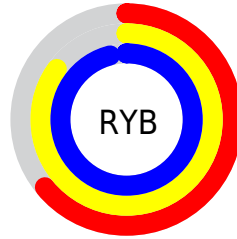
The YIQ color **215.9760, -36.1240, -28.1560** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **192.0240, 36.1240, 28.1560**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, -20.2640, -7.2080**, and **159.9160, -35.8950, -26.7990** is the 20% darker color. If you saturate the color by 10%, you get **207.5460, -46.8970, -36.6650**, and if you desaturate by 10%, it is **224.4060, -25.3510, -19.6470**.

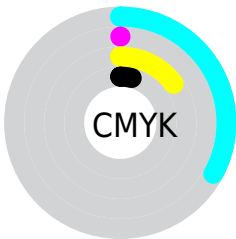
Distribution



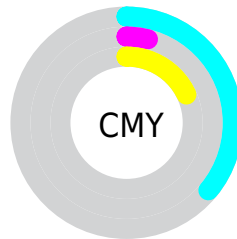
- Red (64%)
- Green (96%)
- Blue (82%)



- Red (64%)
- Yellow (85%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9760, -36.1240, -28.1560 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 215.9760, -36.1240, -28.1560 by changing the saturation by 10% instead.

■ 215.9760,
-36.1240, -28.1560

■ 215.9760,
-36.1240, -28.1560

■ 255.0000, -0.0000,
-0.0000

■ 187.3890,
-35.8490, -27.6330

■ 244.8340,
-20.2640, -7.2080

■ 159.9160,
-35.8950, -26.7990

■ 253.5050, -2.9800,
-1.0600

■ 133.0300,
-36.2160, -26.4880

■ 106.8450,
-37.1330, -26.3890

■ 79.8770, -40.1590,
-26.6150

■ 55.1050, -40.8010,
-25.9930

■ 38.5090, -27.1390,

-20.2830

■ 23.7880, -14.6230,
-15.8310

■ 1.7610, -0.8250,
-1.5690

■ 215.9760,
-36.1240, -28.1560

■ 215.9760,
-36.1240, -28.1560

■ 207.5460,
-46.8970, -36.6650

■ 224.4060,
-25.3510, -19.6470

■ 198.8170,
-58.2660, -45.3860

■ 233.1350,
-13.9820, -10.9260

■ 190.3870,
-69.0390, -53.8950

■ 241.5650, -3.2090,
-2.4170

■ 181.6580,
-80.4080, -62.6160

■ 248.2010, 3.9880,
4.8200

■ 173.2280,
-91.1810, -71.1250

■ 248.5430, 3.0250,
5.7530

■ 164.7980,
-101.9540, -79.6340

■ 158.5040,
-110.1140, -85.9380

Harmonies

Analogous

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



220.6130, -4.3050, -26.6170



215.9760, -36.1240, -28.1560



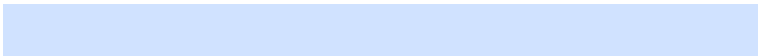
211.9530, -63.6800, -24.3520

Triad

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



215.9760, -36.1240, -28.1560



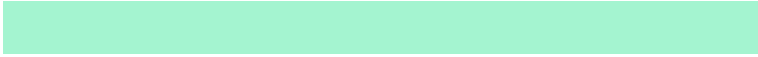
223.9240, -20.0370, 5.2030



220.0180, 35.1200, 2.2880

Complementary

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



215.9760, -36.1240, -28.1560



192.0240, 36.1240, 28.1560

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.



220.3890, 27.1860, 13.9220



215.9760, -36.1240, -28.1560



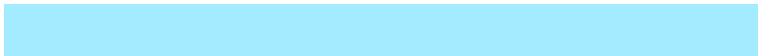
229.4380, 8.2950, 20.3830

Square

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



215.9760, -36.1240, -28.1560



216.3390, -49.6070, -9.5670



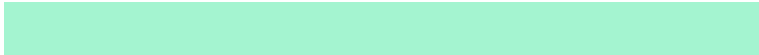
225.3250, 16.0430, 23.1390



223.8360, 38.1480, -8.5400

Rectangle

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



215.9760, -36.1240, -28.1560



211.1680, -71.4750, -20.7470



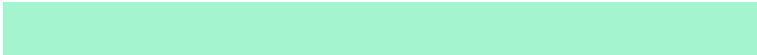
225.3250, 16.0430, 23.1390



219.8700, 32.7810, 6.1330

Sweetspot

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



215.9760, -36.1240, -28.1560



246.2710, -11.3690, -8.7210



222.0230, 0.0520, -33.9960



122.4180, -7.2890, -5.5690



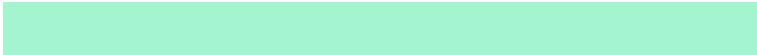
0.0000, 0.0000, 0.0000



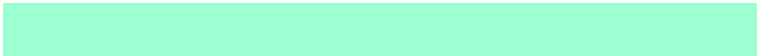
128.0000, -0.0000, -0.0000

Same Dimension

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



215.9760, -36.1240, -28.1560



220.2690, -44.5590, -34.9830



218.3190, -46.8550, -15.3910



117.8420, -5.5470, -4.0990



120.8100, -83.8920, -65.5560



38.2810, -26.4970, -20.9050

Inverse Universe

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



192.0240, 36.1240, 28.1560



190.6170, 44.8800, 34.6720



189.6810, 46.8550, 15.3910



114.2720, 5.2260, 4.4100



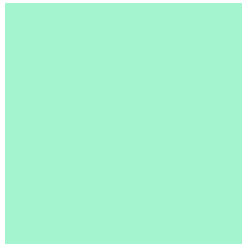
65.1900, 83.8920, 65.5560



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 215.9760, -36.1240, -28.1560 looks on a white background.

Color Contrast Check

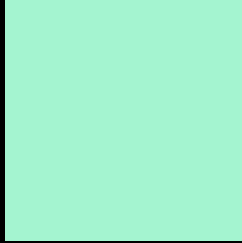
Large Text (above 18pt) WCAG AA × Fail

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 215.9760, -36.1240, -28.1560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

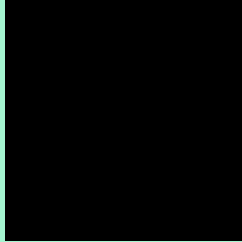
Any Text WCAG AA ✓ Pass

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 215.9760, -36.1240, -28.1560 Background



This preview shows how black text looks on a background with the YIQ color 215.9760, -36.1240, -28.1560.



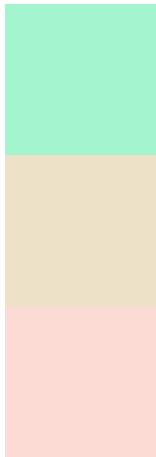
This preview shows how white text looks on a background with the YIQ color 215.9760, -36.1240, -28.1560.

-28.1560.

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

215.9760, -36.1240, -28.1560

Protanopia

226.2110, 15.2230, -6.0650

Deuteranopia

228.4820, 22.1900, 5.3420



Tritanopia

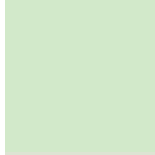
221.1120, -41.5380, -7.1220

Trichromacy



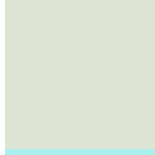
Original Color

215.9760, -36.1240, -28.1560



Protanomaly

222.5890, -3.7570, -14.5170



Deuteranomaly

223.9690, 1.2850, -6.7710



Tritanomaly

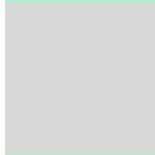
219.4400, -39.8860, -15.0380

Monochromacy



Original Color

215.9760, -36.1240, -28.1560



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

215.8470, -13.1110, -10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9760, -36.1240, -28.1560 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, 244, 208)` looks like.

```
.text, #text, p{  
    color:rgb(164, 244, 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, 244, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 244, 208) }
```

Border

The CSS property to change the border of an element to YIQ 215.9760, -36.1240, -28.1560 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, 244, 208) }
```


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

```
.border{ border-color:rgb(164, 244, 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, 244, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 244, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 244, 208);  
box-shadow:4px 4px 4px 4px rgb(164, 244,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9760, -36.1240, -28.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 244, 208) }
```

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

```
.background{ background-color: rgb(164,  
244, 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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