

Converting Colors

YIQ(215.9400, -44.4700,
-20.0700)

Have a look what the booklet for
YIQ(215.9400, -44.4700, -20.0700)
contains.

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Color

**YIQ(215.9400, -44.4700,
-20.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	A1F1E7
RGB	161, 241, 231
RGB Percent	63%, 95%, 91%
CMY	0.3688, 0.0548, 0.0943
CMYK	0.33, 0.00, 0.04, 0.05
HSL	172°, 74%, 79%
HSV	172°, 33%, 95%
XYZ	60.5708, 76.2694, 87.0985
YIQ	215.9400, -44.4700, -20.0700

Conversions

Conversions Part 2

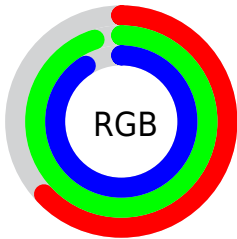
Format	Color
R_{YB}	161, 204, 241
Decimal	10613223
CIE _{Lab}	89.98, -26.55, -2.93
CIE _{LCh}	90, 26.716, 186.289
Yxy	76.2694, 0.2705, 0.3406
Android (android.graphics.Color)	4288803303 (0xFFA1F1E7)
YUV	215.9400, 7.4246, -48.1824
Hunter-Lab	87.3324, -29.0300, 2.0014

Details

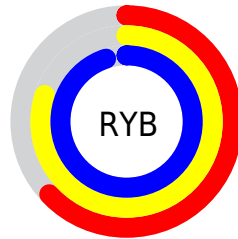
The YIQ color **215.9400, -44.4700, -20.0700** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.0600, 44.4700, 20.0700**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9370, -22.0520, -7.8440**, and **160.3530, -44.1950, -19.5470** is the 20% darker color. If you saturate the color by 10%, you get **208.4220, -57.8110, -26.0910**, and if you desaturate by 10%, it is **223.4580, -31.1290, -14.0490**.

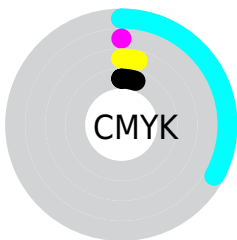
Distribution



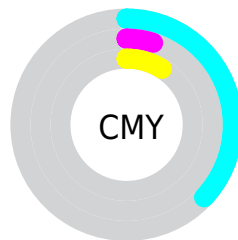
- Red (63%)
- Green (95%)
- Blue (91%)



- Red (63%)
- Yellow (80%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (37%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9400, -44.4700, -20.0700 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 215.9400, -44.4700, -20.0700 by changing the saturation by 10% instead.

215.9400,
-44.4700, -20.0700

215.9400,
-44.4700, -20.0700

255.0000, -0.0000,
-0.0000

187.9400,
-44.4700, -20.0700

243.9370,
-22.0520, -7.8440

160.2390,
-43.8740, -19.8580

252.6080, -4.7680,
-1.6960

133.0540,
-44.7910, -19.7590

105.8690,
-45.7080, -19.6600

77.5800, -52.2640,
-21.9920

55.9830, -46.0290,
-19.3490

39.9740, -32.6420,

-14.1620

■ 24.6660, -19.8510,
-9.1870

■ 0.7980, -2.2470,
2.1770

■ 215.9400,
-44.4700, -20.0700

■ 215.9400,
-44.4700, -20.0700

■ 208.4220,
-57.8110, -26.0910

■ 223.4580,
-31.1290, -14.0490

■ 200.9040,
-71.1520, -32.1120

■ 230.9760,
-17.7880, -8.0280

■ 193.3860,
-84.4930, -38.1330

■ 238.4940, -4.4470,
-2.0070

■ 185.8680,
-97.8340, -44.1540

■ 245.4140, 7.7020,
3.5900

■ 178.0510,
-111.7710, -50.3870

■ 245.7560, 6.7390,
4.5230

■ 170.5330,
-125.1120, -56.4080

■ 246.0980, 5.7760,
5.4560

■ 165.5210,
-134.0060, -60.4220

■ 246.4400, 4.8130,
6.3890

■ 246.7820, 3.8500,
7.3220

Harmonies

Analogous

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



218.3800, -22.4620, -22.4460



215.9400, -44.4700, -20.0700



215.7080, -55.2000, -12.8320

Triad

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



215.9400, -44.4700, -20.0700



227.8990, -0.5530, 15.5350



224.7310, 34.2500, -3.9740

Complementary

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



215.9400, -44.4700, -20.0700



186.0600, 44.4700, 20.0700

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.



222.5600, 30.7180, 4.9740



215.9400, -44.4700, -20.0700



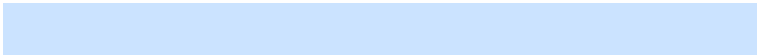
228.2600, 14.6680, 20.5240

Square

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



215.9400, -44.4700, -20.0700



223.0160, -23.2920, 3.6200



223.6490, 23.5180, 14.3180



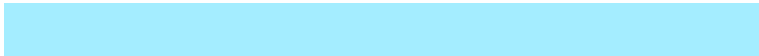
224.4860, 24.3940, -12.5820

Rectangle

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



215.9400, -44.4700, -20.0700



217.2250, -49.2860, -9.8780



223.6490, 23.5180, 14.3180



223.5400, 33.4700, -0.8500

Sweetspot

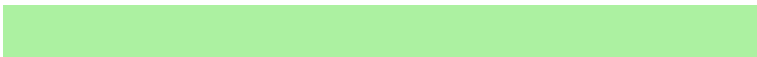
The Sweet Spot groups the original color and five complimentary colors.



215.9400, -44.4700, -20.0700



247.1830, -13.9370, -6.2330



211.2490, -15.4440, -39.5080



122.9880, -8.8940, -4.0140



0.0000, 0.0000, 0.0000



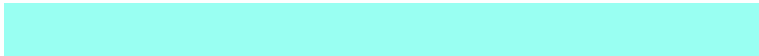
128.0000, -0.0000, -0.0000

Same Dimension

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



215.9400, -44.4700, -20.0700



223.0200, -56.6190, -25.6670



200.0570, -39.7050, -1.7930



116.1840, -6.5100, -3.1660



126.2480, -101.9600, -46.4720



38.4580, -31.1290, -14.0490

Inverse Universe

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



186.0600, 44.4700, 20.0700



184.9800, 56.6190, 25.6670



201.9430, 39.7050, 1.7930



111.7020, 6.8310, 2.8550



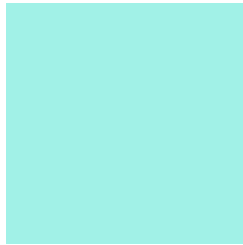
57.6380, 102.2810, 46.1610



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 215.9400, -44.4700, -20.0700 looks on a white background.

Color Contrast Check

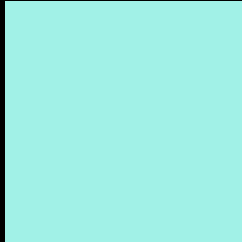
Large Text (above 18pt) WCAG AA × Fail

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 215.9400, -44.4700, -20.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

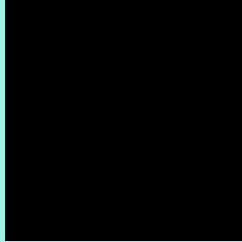
Any Text WCAG AA ✓ Pass

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 215.9400, -44.4700, -20.0700 Background



This preview shows how black text looks on a background with the YIQ color 215.9400, -44.4700, -20.0700.



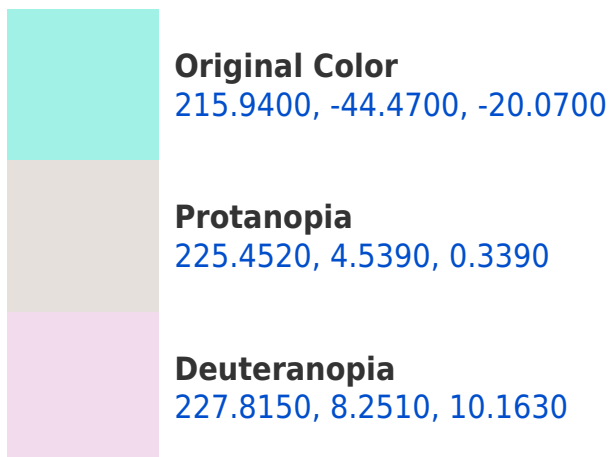
This preview shows how white text looks on a background with the YIQ color 215.9400, -44.4700, -20.0700.

-20.0700.

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





Tritanopia

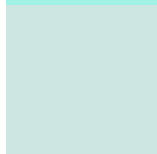
219.0190, -45.7100, -8.6060

Trichromacy



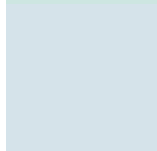
Original Color

215.9400, -44.4700, -20.0700



Protanomaly

221.9550, -13.2950, -6.8550



Deuteranomaly

223.6120, -10.5910, -0.7910



Tritanomaly

217.6830, -44.8840, -12.5640

Monochromacy



Original Color

215.9400, -44.4700, -20.0700



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

215.8730, -16.0000, -7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9400, -44.4700, -20.0700 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(161, 241, 231)` looks like.

```
.text, #text, p{  
    color:rgb(161, 241, 231)  
}
```

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(161, 241, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 241, 231) }
```

Border

The CSS property to change the border of an element to YIQ 215.9400, -44.4700, -20.0700 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(161, 241, 231) }
```


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

```
.border{ border-color:rgb(161, 241, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 241, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 241, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 241, 231);  
box-shadow:4px 4px 4px 4px rgb(161, 241,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9400, -44.4700, -20.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 241, 231) }
```

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

```
.background{ background-color: rgb(161,  
241, 231) }
```

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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