

Converting Colors

YIQ(218.7660, -43.9200,
-19.0240)

Have a look what the booklet for
YIQ(218.7660, -43.9200, -19.0240)
contains.

YIQ(218.7660, -43.9200, -19.0240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(218.7660, -43.9200,
-19.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	A5F3EB
RGB	165, 243, 235
RGB Percent	65%, 95%, 92%
CMY	0.3531, 0.0469, 0.0786
CMYK	0.32, 0.00, 0.03, 0.05
HSL	174°, 77%, 80%
HSV	174°, 32%, 95%
XYZ	62.5565, 78.1106, 90.3446
YIQ	218.7660, -43.9200, -19.0240

Conversions

Conversions Part 2

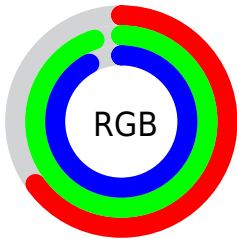
Format	Color
R _Y B	165, 206, 243
Decimal	10875883
CIE Lab	90.83, -25.55, -3.75
CIE LCh	91, 25.823, 188.341
Yxy	78.1106, 0.2708, 0.3381
Android (android.graphics.Color)	4289065963 (0xFFA5F3EB)
YUV	218.7660, 8.0034, -47.1528
Hunter-Lab	88.3802, -28.3210, 1.2583

Details

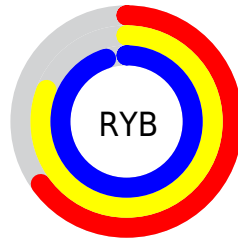
The YIQ color **218.7660, -43.9200, -19.0240** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.2340, 43.9200, 19.0240**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **245.1330, -19.6680, -6.9960**, and **163.0650, -43.3240, -18.8120** is the 20% darker color. If you saturate the color by 10%, you get **211.2480, -57.2610, -25.0450**, and if you desaturate by 10%, it is **226.1700, -30.2580, -13.3140**.

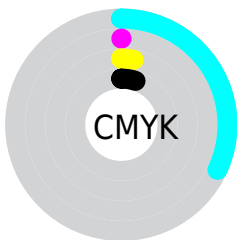
Distribution



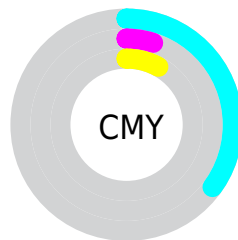
- Red (65%)
- Green (95%)
- Blue (92%)



- Red (65%)
- Yellow (81%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (35%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.7660, -43.9200, -19.0240 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 218.7660, -43.9200, -19.0240 by changing the saturation by 10% instead.

218.7660,
-43.9200, -19.0240

218.7660,
-43.9200, -19.0240

255.0000, -0.0000,
-0.0000

190.1790,
-43.6450, -18.5010

245.1330,
-19.6680, -6.9960

163.0650,
-43.3240, -18.8120

254.1030, -1.7880,
-0.6360

135.2930,
-43.9660, -18.1900

108.6950,
-45.1580, -18.6140

81.6020, -49.3300,
-20.0980

57.6130, -47.8630,
-19.1510

40.9030, -33.8800,

-13.7520

■ 25.5950, -21.0890,
-8.7770

■ 4.8900, -5.5020,
0.5940

■ 218.7660,
-43.9200, -19.0240

■ 218.7660,
-43.9200, -19.0240

■ 211.2480,
-57.2610, -25.0450

■ 226.1700,
-30.2580, -13.3140

■ 203.5450,
-71.5190, -30.9670

■ 233.9870,
-16.3210, -7.0810

■ 196.0270,
-84.8600, -36.9880

■ 241.5050, -2.9800,
-1.0600

■ 188.6230,
-98.5220, -42.6980

■ 246.8160, 6.5100,
3.1660

■ 180.8060,
-112.4590, -48.9310

■ 247.1580, 5.5470,
4.0990

■ 173.4020,
-126.1210, -54.6410

■ 247.3860, 4.9050,
4.7210

■ 167.4930,
-136.8030, -59.2910

■ 247.7280, 3.9420,
5.6540

■ 247.9560, 3.3000,
6.2760

Harmonies

Analogous

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



220.7220, -23.4250, -21.5130



218.7660, -43.9200, -19.0240



218.6760, -52.1740, -12.6060

Triad

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



218.7660, -43.9200, -19.0240



230.5680, 1.8770, 15.5490



226.8340, 32.4620, -4.6100

Complementary

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



218.7660, -43.9200, -19.0240



189.2340, 43.9200, 19.0240

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.



224.5490, 29.2510, 4.0270



218.7660, -43.9200, -19.0240



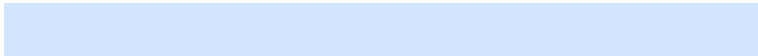
229.5480, 13.7970, 19.7890

Square

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



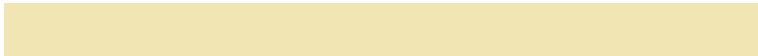
218.7660, -43.9200, -19.0240



225.9840, -20.2660, 3.8460



225.5240, 22.3720, 13.0600



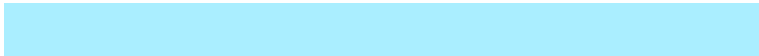
227.0020, 22.8810, -12.6950

Rectangle

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



218.7660, -43.9200, -19.0240



219.6060, -45.9850, -9.1290



225.5240, 22.3720, 13.0600



225.5290, 32.0030, -1.7970

Sweetspot

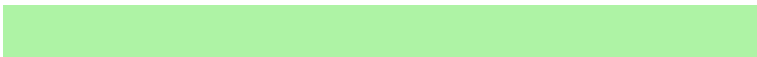
The Sweet Spot groups the original color and five complimentary colors.



218.7660, -43.9200, -19.0240



247.1830, -13.9370, -6.2330



213.4770, -16.0860, -38.8860



122.9880, -8.8940, -4.0140



0.0000, 0.0000, 0.0000



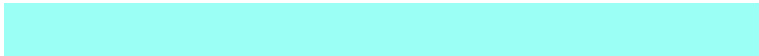
128.0000, -0.0000, -0.0000

Same Dimension

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



218.7660, -43.9200, -19.0240



224.2590, -55.7940, -24.0980



202.0680, -38.2380, -0.8460



118.2980, -6.8310, -2.8550



128.2200, -104.7570, -45.3410



40.6750, -33.2380, -14.3740

Inverse Universe

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



189.2340, 43.9200, 19.0240



186.7410, 55.7940, 24.0980



205.9320, 38.2380, 0.8460



113.7020, 6.8310, 2.8550



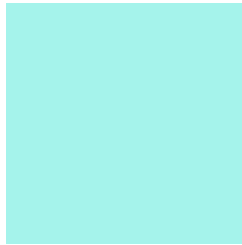
57.7800, 104.7570, 45.3410



18.3250, 33.2380, 14.3740

Previews

White Background



This preview shows how the YIQ color 218.7660, -43.9200, -19.0240 looks on a white background.

Color Contrast Check

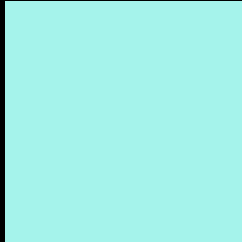
Large Text (above 18pt) WCAG AA × Fail

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 218.7660, -43.9200, -19.0240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

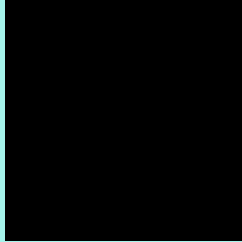
Any Text WCAG AA ✓ Pass

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 218.7660, -43.9200, -19.0240 Background



This preview shows how black text looks on a background with the YIQ color 218.7660, -43.9200, -19.0240.



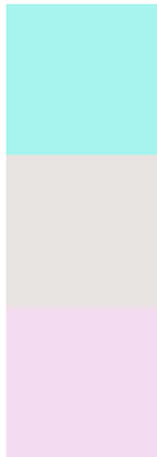
This preview shows how white text looks on a background with the YIQ color 218.7660, -43.9200, -19.0240.

-19.0240.

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

218.7660, -43.9200, -19.0240

Protanopia

228.2670, 3.6220, 0.4380

Deuteranopia

230.0430, 7.6090, 10.7850



Tritanopia

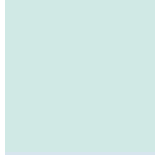
222.2970, -40.6210, -7.2210

Trichromacy



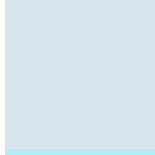
Original Color

218.7660, -43.9200, -19.0240



Protanomaly

225.0690, -13.6160, -6.5440



Deuteranomaly

225.8400, -11.2330, -0.1690



Tritanomaly

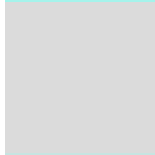
221.1780, -41.9040, -11.5040

Monochromacy



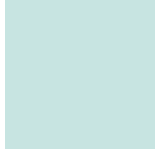
Original Color

218.7660, -43.9200, -19.0240



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

218.9870, -16.3210, -7.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.7660, -43.9200, -19.0240 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(165, 243, 235)` looks like.

```
.text, #text, p{  
    color:rgb(165, 243, 235)  
}
```

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(165, 243, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 243, 235) }
```

Border

The CSS property to change the border of an element to YIQ 218.7660, -43.9200, -19.0240 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(165, 243, 235) }
```


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

```
.border{ border-color:rgb(165, 243, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 243, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 243, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 243, 235); box-shadow:4px 4px 4px 4px rgb(165, 243, 235) }
```

Background

The CSS property to change the background color of an element to YIQ 218.7660, -43.9200, -19.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 243, 235) }
```

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

```
.background{ background-color: rgb(165,  
243, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor