

Converting Colors

YIQ(218.2860, -42.0880,
-8.1680)

Have a look what the booklet for
YIQ(218.2860, -42.0880, -8.1680)
contains.

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Color

**YIQ(218.2860, -42.0880,
-8.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEBFB
RGB	173, 235, 251
RGB Percent	68%, 92%, 98%
CMY	0.3217, 0.0783, 0.0159
CMYK	0.31, 0.06, 0.00, 0.02
HSL	192°, 91%, 83%
HSV	192°, 31%, 98%
XYZ	64.3470, 75.2740, 102.3669
YIQ	218.2860, -42.0880, -8.1680

Conversions

Conversions Part 2

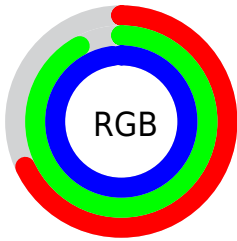
Format	Color
R _Y B	173, 208, 251
Decimal	11398139
CIE Lab	89.52, -15.80, -13.99
CIE LCh	90, 21.104, 221.539
Yxy	75.2740, 0.2659, 0.3111
Android (android.graphics.Color)	4289588219 (0xFFADEFBFB)
YUV	218.2860, 16.1280, -39.7158
Hunter-Lab	86.7606, -19.4444, -9.2225

Details

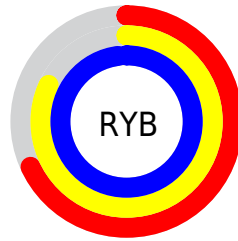
The YIQ color **218.2860, -42.0880, -8.1680** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **205.7140, 42.0880, 8.1680**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5250, -14.9000, -5.3000**, and **162.4710, -41.1710, -8.2670** is the 20% darker color. If you saturate the color by 10%, you get **207.8760, -55.6130, -10.8530**, and if you desaturate by 10%, it is **228.6960, -28.5630, -5.4830**.

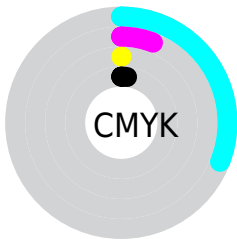
Distribution



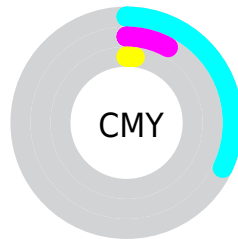
- Red (68%)
- Green (92%)
- Blue (98%)



- Red (68%)
- Yellow (82%)
- Blue (98%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (32%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.2860, -42.0880, -8.1680 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 218.2860, -42.0880, -8.1680 by changing the saturation by 10% instead.

■ 218.2860,
-42.0880, -8.1680

■ 218.2860,
-42.0880, -8.1680

■ 255.0000, -0.0000,
-0.0000

■ 190.1720,
-41.7670, -8.4790

■ 247.5250,
-14.9000, -5.3000

■ 162.4710,
-41.1710, -8.2670

■ 135.4710,
-41.1710, -8.2670

■ 109.1720,
-41.7670, -8.4790

■ 82.8620, -43.8300,
-9.6380

■ 55.5730, -50.3860,
-11.9700

■ 39.3360, -36.3570,

-7.4050

■ 24.5010, -23.5200,
-3.2640

■ 3.4370, -8.3000,
7.2520

■ 218.2860,
-42.0880, -8.1680

■ 218.2860,
-42.0880, -8.1680

■ 207.8760,
-55.6130, -10.8530

■ 228.6960,
-28.5630, -5.4830

■ 197.4660,
-69.1380, -13.5380

■ 239.1060,
-15.0380, -2.7980

■ 187.0560,
-82.6630, -16.2230

■ 249.5160, -1.5130,
-0.1130

■ 176.6460,
-96.1880, -18.9080

■ 254.5440, 1.2840,
-1.2440

■ 165.3500,
-110.0340, -21.2820

■ 154.9400,
-123.5590, -23.9670

■ 146.0140,
-135.5710, -26.5390

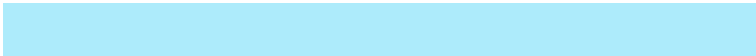
Harmonies

Analogous

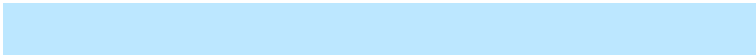
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.5930, -35.9430, -14.9110



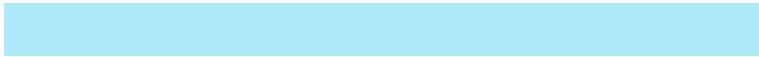
218.2860, -42.0880, -8.1680



220.8790, -33.3320, -1.6520

Triad

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



218.2860, -42.0880, -8.1680



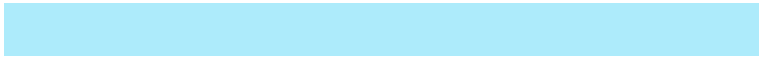
227.8210, 17.2820, 17.2020



223.5330, 17.0120, -10.9560

Complementary

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



218.2860, -42.0880, -8.1680



205.7140, 42.0880, 8.1680

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.



225.2190, 29.9400, -2.9560



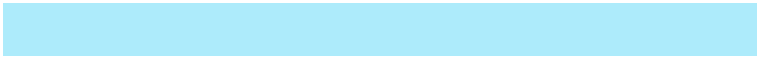
218.2860, -42.0880, -8.1680



224.9540, 23.9770, 11.5050

Square

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



218.2860, -42.0880, -8.1680



227.6110, 0.3180, 16.2700



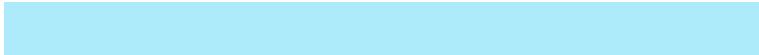
224.5490, 29.2510, 4.0270



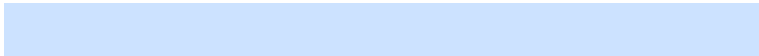
221.0900, -0.9140, -16.4820

Rectangle

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



218.2860, -42.0880, -8.1680



222.7280, -22.4210, 4.3550



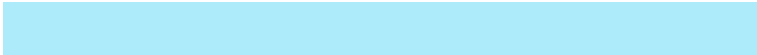
224.5490, 29.2510, 4.0270



224.3380, 22.0550, -8.7370

Sweetspot

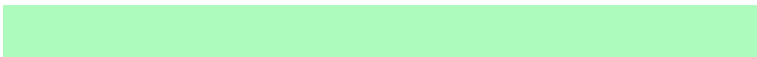
The Sweet Spot groups the original color and five complimentary colors.



218.2860, -42.0880, -8.1680



245.1880, -12.3330, -2.2610



220.6100, -26.5860, -35.8180



121.7540, -8.1150, -1.6110



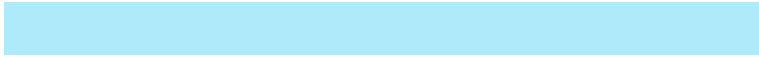
0.0000, 0.0000, 0.0000



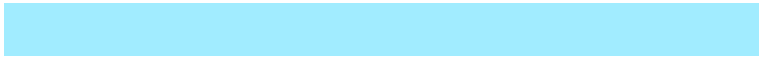
128.0000, -0.0000, -0.0000

Same Dimension

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



218.2860, -42.0880, -8.1680



215.7410, -50.7990, -9.9910



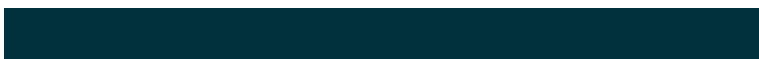
195.3930, -31.3630, 12.2290



119.3520, -6.9230, -1.1870



109.5960, -101.9190, -19.6710



35.7170, -33.0560, -6.6560

Inverse Universe

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



203.3900, 26.5860, 35.8180



197.6560, 31.9490, 43.2530



228.6070, 31.3630, -12.2290



117.0270, 4.5380, 5.8660



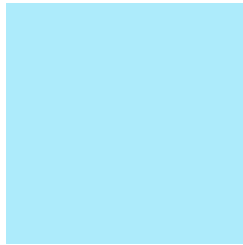
73.6110, 64.4940, 86.7180



23.8250, 20.6270, 28.1710

Previews

White Background



This preview shows how the YIQ color 218.2860, -42.0880, -8.1680 looks on a white background.

Color Contrast Check

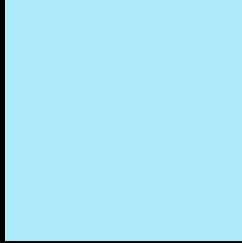
Large Text (above 18pt) WCAG AA × Fail

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 218.2860, -42.0880, -8.1680 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 218.2860, -42.0880, -8.1680

Background



This preview shows how black text looks on a background with the YIQ color 218.2860, -42.0880, -8.1680.



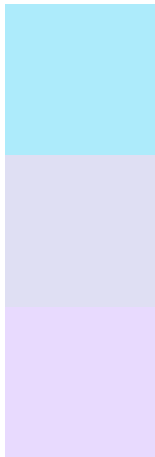
This preview shows how white text looks on a background with the YIQ color 218.2860, -42.0880, -8.1680.

-8.1680.

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

218.2860, -42.0880, -8.1680

Protanopia

225.2800, -6.4200, 6.2200

Deuteranopia

226.2900, -3.2120, 14.1640



Tritanopia

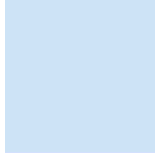
218.8130, -42.1340, -7.3340

Trichromacy



Original Color

218.2860, -42.0880, -8.1680



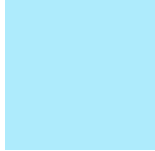
Protanomaly

222.5880, -19.2110, 1.2450



Deuteranomaly

223.4190, -17.0570, 6.2630



Tritanomaly

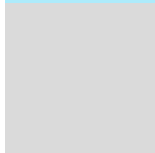
218.6990, -41.8130, -7.6450

Monochromacy



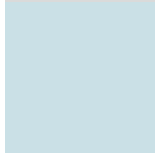
Original Color

218.2860, -42.0880, -8.1680



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

218.1060, -15.0380, -2.7980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.2860, -42.0880, -8.1680 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(173, 235, 251)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 251)  
}
```

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(173, 235, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 251) }
```

Border

The CSS property to change the border of an element to YIQ 218.2860, -42.0880, -8.1680 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(173, 235, 251) }
```


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

```
.border{ border-color:rgb(173, 235, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 235, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 251);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 218.2860, -42.0880, -8.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 251) }
```

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

```
.background{ background-color: rgb(173,  
235, 251) }
```

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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