

Converting Colors

YIQ(210.6470, -62.3980,
-14.5420)

Have a look what the booklet for
YIQ(210.6470, -62.3980, -14.5420)
contains.

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Color

**YIQ(210.6470, -62.3980,
-14.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	8EEDFF
RGB	142, 237, 255
RGB Percent	56%, 93%, 100%
CMY	0.4433, 0.0704, 0.0003
CMYK	0.44, 0.07, 0.00, 0.00
HSL	190°, 100%, 78%
HSV	190°, 44%, 100%
XYZ	59.4810, 73.5532, 105.6137
YIQ	210.6470, -62.3980, -14.5420

Conversions

Conversions Part 2

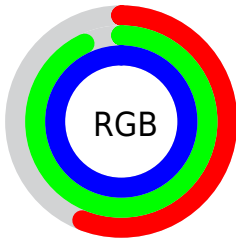
Format	Color
RYB	142, 194, 255
Decimal	9367039
CIELab	88.71, -23.66, -17.44
CIElCh	89, 29.396, 216.394
Yxy	73.5532, 0.2492, 0.3082
Android (android.graphics.Color)	4287557119 (0xFF8EEDFF)
YUV	210.6470, 21.8660, -60.2034
Hunter-Lab	85.7631, -26.2870, -12.9789

Details

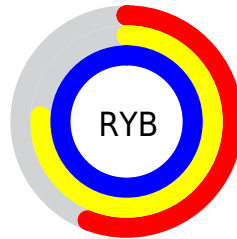
The YIQ color **210.6470, -62.3980, -14.5420** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.3530, 62.3980, 14.5420**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8540, -32.1840, -11.4480**, and **153.6360, -63.8650, -15.4890** is the 20% darker color. If you saturate the color by 10%, you get **200.5250, -76.7940, -17.9620**, and if you desaturate by 10%, it is **220.4700, -48.5980, -11.3340**.

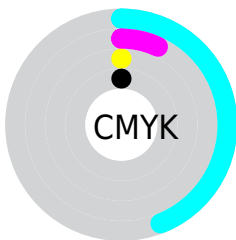
Distribution



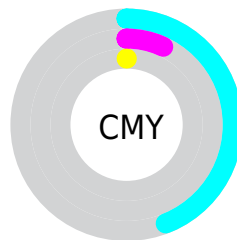
- Red (56%)
- Green (93%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.6470, -62.3980, -14.5420 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 210.6470, -62.3980, -14.5420 by changing the saturation by 10% instead.

210.6470,
-62.3980, -14.5420

210.6470,
-62.3980, -14.5420

255.0000, -0.0000,
-0.0000

182.2340,
-62.6730, -15.0650

238.8540,
-32.1840, -11.4480

153.6360,
-63.8650, -15.4890

247.5250,
-14.9000, -5.3000

124.8420,
-67.4410, -16.7610

91.5520, -81.4240,
-22.1600

74.0270, -66.5240,
-16.8600

56.5020, -51.6240,
-11.5600

40.2650, -37.5950,

-6.9950

■ 25.4300, -24.7580,
-2.8540

■ 3.7790, -9.2630,
8.1850

■ 210.6470,
-62.3980, -14.5420

■ 210.6470,
-62.3980, -14.5420

■ 200.5250,
-76.7940, -17.9620

■ 220.4700,
-48.5980, -11.3340

■ 190.7020,
-90.5940, -21.1700

■ 230.5920,
-34.2020, -7.9140

■ 180.5800,
-104.9900, -24.5900

■ 240.4150,
-20.4020, -4.7060

■ 170.7570,
-118.7900, -27.7980

■ 250.5370, -6.0060,
-1.2860

■ 160.6350,
-133.1860, -31.2180

255.0000, -0.0000,
-0.0000

■ 155.2750,
-140.9800, -33.1400

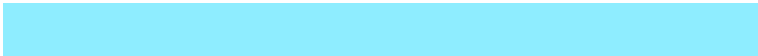
Harmonies

Analogous

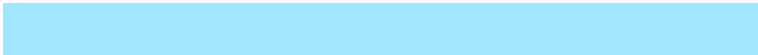
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210.8360, -50.1090, -22.5010



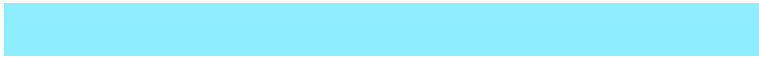
210.6470, -62.3980, -14.5420



213.3930, -49.6990, -7.8990

Triad

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



210.6470, -62.3980, -14.5420



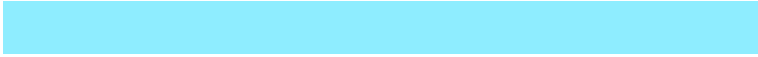
225.2110, 16.3640, 22.8280



220.8020, 26.3200, -14.4480

Complementary

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



210.6470, -62.3980, -14.5420



186.3530, 62.3980, 14.5420

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.



220.8840, 38.1930, -3.8470



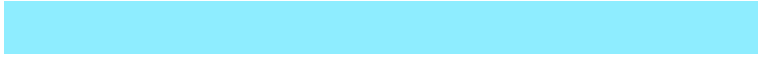
210.6470, -62.3980, -14.5420



219.6710, 26.4520, 16.2120

Square

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



210.6470, -62.3980, -14.5420



224.3660, -0.3700, 17.7260



218.9410, 34.0190, 5.7230



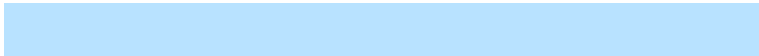
217.3690, 2.4340, -22.0940

Rectangle

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



210.6470, -62.3980, -14.5420



216.7480, -34.3410, 0.1150



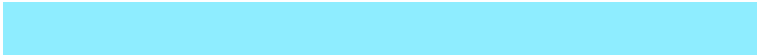
218.9410, 34.0190, 5.7230



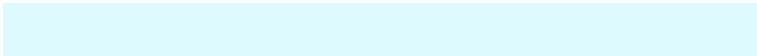
222.0310, 33.1050, -10.7590

Sweetspot

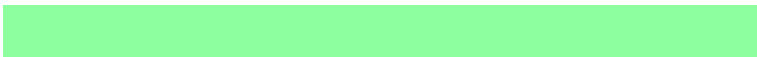
The Sweet Spot groups the original color and five complimentary colors.



210.6470, -62.3980, -14.5420



242.1980, -18.2930, -4.3810



210.2690, -36.5320, -53.8120



119.3730, -11.4160, -2.3600



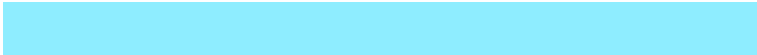
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



210.6470, -62.3980, -14.5420



202.3080, -74.6850, -17.6370



177.7750, -46.9980, 14.7460



122.3520, -6.9230, -1.1870



116.2810, -105.5860, -24.8020



38.9940, -35.3940, -8.3380

Inverse Universe

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



186.6170, 36.8530, 53.5010



173.3610, 43.8660, 64.0740



218.6380, 47.2730, -14.2230



120.0270, 4.5380, 5.8660



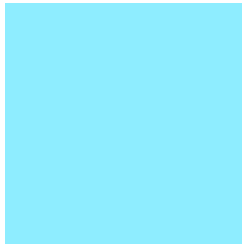
75.4630, 62.1550, 90.5630



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 210.6470, -62.3980, -14.5420 looks on a white background.

Color Contrast Check

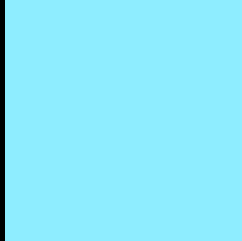
Large Text (above 18pt) WCAG AA × Fail

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 210.6470, -62.3980, -14.5420 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 210.6470, -62.3980, -14.5420 Background



This preview shows how black text looks on a background with the YIQ color 210.6470, -62.3980, -14.5420.



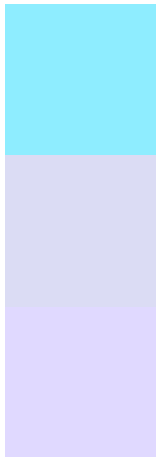
This preview shows how white text looks on a background with the YIQ color 210.6470, -62.3980, -14.5420.

-14.5420.

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

210.6470, -62.3980, -14.5420

Protanopia

222.4370, -8.3000, 7.2520

Deuteranopia

223.4250, -8.0260, 13.3020



Tritanopia

210.9570, -60.3350, -13.3830

Trichromacy



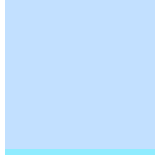
Original Color

210.6470, -62.3980, -14.5420



Protanomaly

218.0430, -27.9220, -0.5780



Deuteranomaly

218.5640, -27.8310, 3.2810



Tritanomaly

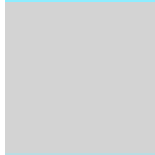
210.6580, -60.9310, -13.5950

Monochromacy



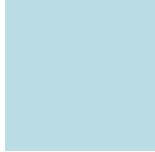
Original Color

210.6470, -62.3980, -14.5420



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

210.6320, -22.5110, -5.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.6470, -62.3980, -14.5420 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(142, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 237, 255)  
}
```

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(142, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 237, 255) }
```

Border

The CSS property to change the border of an element to YIQ 210.6470, -62.3980, -14.5420 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(142, 237, 255) }
```


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

```
.border{ border-color:rgb(142, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 237,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 210.6470, -62.3980, -14.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 237, 255) }
```

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

```
.background{ background-color: rgb(142,  
237, 255) }
```

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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