

Converting Colors

YIQ(223.0690, -49.1470,
-17.9070)

Have a look what the booklet for
YIQ(223.0690, -49.1470, -17.9070)
contains.

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Color

**YIQ(223.0690, -49.1470,
-17.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	A5F8F7
RGB	165, 248, 247
RGB Percent	65%, 97%, 97%
CMY	0.3531, 0.0273, 0.0316
CMYK	0.33, 0.00, 0.00, 0.03
HSL	179°, 86%, 81%
HSV	179°, 33%, 97%
XYZ	65.8655, 81.8625, 100.2852
YIQ	223.0690, -49.1470, -17.9070

Conversions

Conversions Part 2

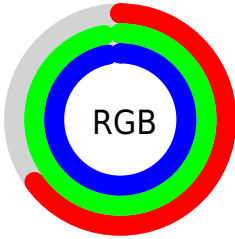
Format	Color
RYB	165, 207, 248
Decimal	10877175
CIELab	92.51, -25.27, -7.50
CIElCh	93, 26.359, 196.525
Yxy	81.8625, 0.2656, 0.3301
Android (android.graphics.Color)	4289067255 (0xFFA5F8F7)
YUV	223.0690, 11.7980, -50.9265
Hunter-Lab	90.4779, -28.3931, -2.3821

Details

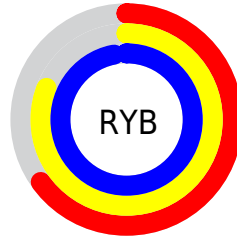
The YIQ color **223.0690, -49.1470, -17.9070** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.9310, 49.1470, 17.9070**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.4320, -19.0720, -6.7840**, and **166.4820, -48.8720, -17.3840** is the 20% darker color. If you saturate the color by 10%, you get **215.5940, -64.0470, -23.2070**, and if you desaturate by 10%, it is **230.5440, -34.2470, -12.6070**.

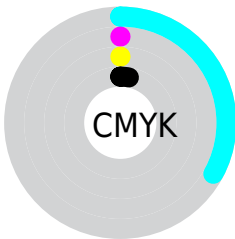
Distribution



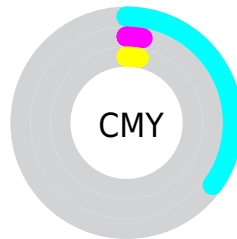
- Red (65%)
- Green (97%)
- Blue (97%)



- Red (65%)
- Yellow (81%)
- Blue (97%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.0690, -49.1470, -17.9070 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 223.0690, -49.1470, -17.9070 by changing the saturation by 10% instead.

223.0690,
-49.1470, -17.9070

223.0690,
-49.1470, -17.9070

255.0000, -0.0000,
-0.0000

194.3680,
-48.5510, -17.6950

245.4320,
-19.0720, -6.7840

166.4820,
-48.8720, -17.3840

254.1030, -1.7880,
-0.6360

139.1830,
-49.4680, -17.5960

112.1720,
-50.9350, -18.5430

82.6980, -58.4080,
-20.7760

61.1010, -52.1730,
-18.1330

44.2770, -37.8690,

-13.0450

■ 28.8550, -24.7570,
-8.3810

■ 12.4870, -11.7370,
-2.0490

■ 223.0690,
-49.1470, -17.9070

■ 223.0690,
-49.1470, -17.9070

■ 215.5940,
-64.0470, -23.2070

■ 230.5440,
-34.2470, -12.6070

■ 208.0050,
-78.6260, -28.8180

■ 238.1330,
-19.6680, -6.9960

■ 200.8290,
-92.9300, -33.9060

■ 245.3090, -5.3640,
-1.9080

■ 193.3540,
-107.8300, -39.2060

■ 250.0930, 4.1720,
1.4840

■ 185.7650,
-122.4090, -44.8170

■ 250.2070, 3.8510,
1.7950

■ 178.2900,
-137.3090, -50.1170

■ 250.3210, 3.5300,
2.1060

■ 173.5060,
-146.8450, -53.5090

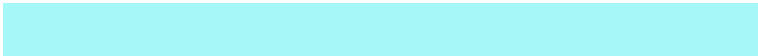
Harmonies

Analogous

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



224.6010, -30.3940, -21.8660



223.0690, -49.1470, -17.9070



222.8180, -49.6980, -13.4260

Triad

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



223.0690, -49.1470, -17.9070



236.2160, 8.8000, 16.7360



231.1710, 29.8950, -7.6490

Complementary

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



223.0690, -49.1470, -17.9070



189.9310, 49.1470, 17.9070

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.



227.9570, 27.9220, 0.5780



223.0690, -49.1470, -17.9070



231.6680, 13.3390, 17.0750

Square

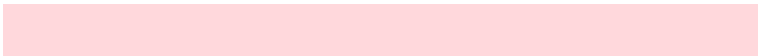
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.0690, -49.1470, -17.9070



231.3440, -12.4720, 5.7680



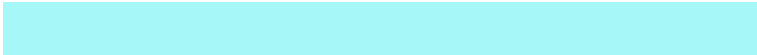
228.1170, 21.9600, 9.5120



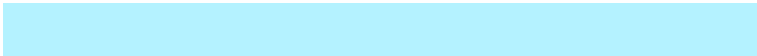
230.7840, 17.5630, -15.4370

Rectangle

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



223.0690, -49.1470, -17.9070



224.9440, -41.1250, -9.1010



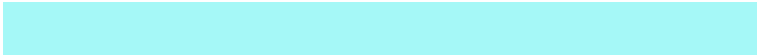
228.1170, 21.9600, 9.5120



229.7520, 29.7570, -5.1470

Sweetspot

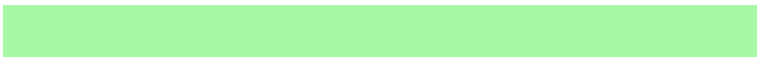
The Sweet Spot groups the original color and five complimentary colors.



223.0690, -49.1470, -17.9070



247.5250, -14.9000, -5.3000



214.0200, -22.2290, -43.1970



123.1020, -9.2150, -3.7030



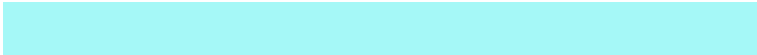
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

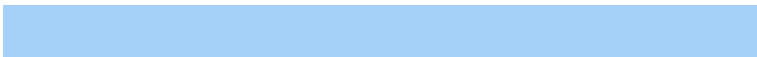
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.0690, -49.1470, -17.9070



224.3880, -60.4710, -21.9350



199.7030, -38.4680, 3.3240



121.1130, -7.7480, -2.7560



132.1470, -111.6810, -41.0010



42.6470, -36.0350, -13.2430

Inverse Universe

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



189.9310, 49.1470, 17.9070



183.6120, 60.4710, 21.9350



213.2970, 38.4680, -3.3240



116.0010, 7.4270, 3.0670



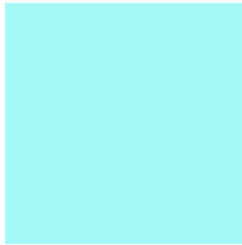
56.7390, 112.0020, 40.6900



18.3530, 36.0350, 13.2430

Previews

White Background



This preview shows how the YIQ color 223.0690, -49.1470, -17.9070 looks on a white background.

Color Contrast Check

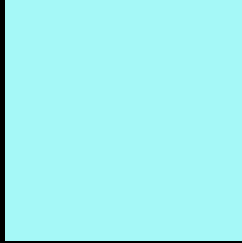
Large Text (above 18pt) WCAG AA × Fail

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 223.0690, -49.1470, -17.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

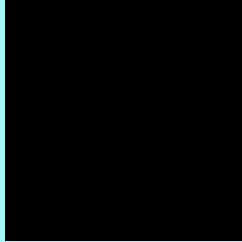
Any Text WCAG AA ✓ Pass

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 223.0690, -49.1470, -17.9070 Background



This preview shows how black text looks on a background with the YIQ color 223.0690, -49.1470, -17.9070.



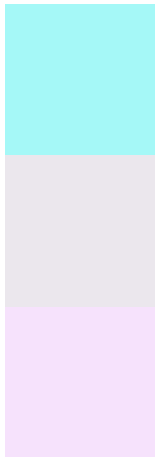
This preview shows how white text looks on a background with the YIQ color 223.0690, -49.1470, -17.9070.

-17.9070.

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

223.0690, -49.1470, -17.9070

Protanopia

232.8800, 0.4580, 2.7140

Deuteranopia

234.9440, 3.5740, 12.3260



Tritanopia

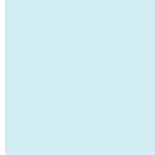
228.2440, -33.1020, -5.8220

Trichromacy



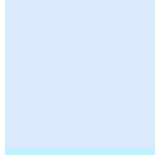
Original Color

223.0690, -49.1470, -17.9070



Protanomaly

229.3830, -17.3760, -4.4800



Deuteranomaly

230.7410, -15.2680, 1.3720



Tritanomaly

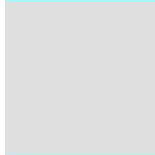
226.6730, -38.9240, -10.4440

Monochromacy



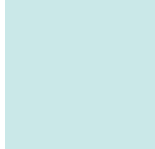
Original Color

223.0690, -49.1470, -17.9070



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.0300, -17.8800, -6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.0690, -49.1470, -17.9070 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, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(165, 248, 247)  
}
```

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, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 248, 247) }
```

Border

The CSS property to change the border of an element to YIQ 223.0690, -49.1470, -17.9070 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, 248, 247) }
```


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

```
.border{ border-color:rgb(165, 248, 247) }
```

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

Here you see how a box with a 4 pixel rgb(165, 248, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(165, 248,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 223.0690, -49.1470, -17.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 248, 247) }
```

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

```
.background{ background-color: rgb(165,  
248, 247) }
```

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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