

Converting Colors

YIQ(223.9690, -26.2190,
-36.9630)

Have a look what the booklet for
YIQ(223.9690, -26.2190, -36.9630)
contains.

YIQ(223.9690, -26.2190, -36.9630)	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(223.9690, -26.2190,
-36.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FFBE
RGB	176, 255, 190
RGB Percent	69%, 100%, 75%
CMY	0.3100, 0.0000, 0.2549
CMYK	0.31, 0.00, 0.25, 0.00
HSL	131°, 100%, 84%
HSV	131°, 31%, 100%
XYZ	62.9441, 84.4604, 61.6923
YIQ	223.9690, -26.2190, -36.9630

Conversions

Conversions Part 2

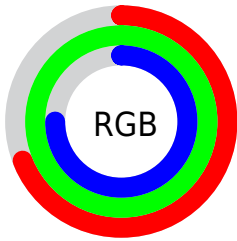
Format	Color
RYB	176, 243, 255
Decimal	11599806
CIELab	93.65, -36.81, 23.56
CIELCh	94, 43.700, 147.382
Yxy	84.4604, 0.3010, 0.4039
Android (android.graphics.Color)	4289789886 (0xFFB0FFBE)
YUV	223.9690, -16.7467, -42.0688
Hunter-Lab	91.9024, -38.5741, 24.5314

Details

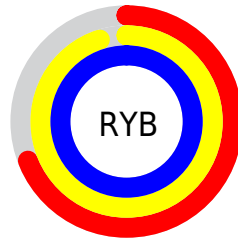
The YIQ color **223.9690, -26.2190, -36.9630** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **207.0310, 26.2190, 36.9630**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5100, -10.5440, -7.1520**, and **167.9090, -25.9900, -35.6060** is the 20% darker color. If you saturate the color by 10%, you get **213.8010, -34.9740, -49.0060**, and if you desaturate by 10%, it is **233.8380, -18.0600, -25.1320**.

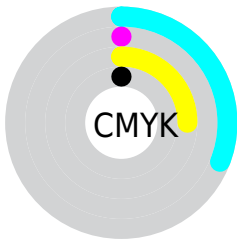
Distribution



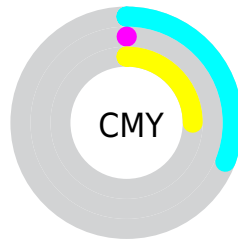
- Red (69%)
- Green (100%)
- Blue (75%)



- Red (69%)
- Yellow (95%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.9690, -26.2190, -36.9630 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 223.9690, -26.2190, -36.9630 by changing the saturation by 10% instead.

■ 223.9690,
-26.2190, -36.9630

■ 223.9690,
-26.2190, -36.9630

255.0000, -0.0000,
-0.0000

■ 195.4960,
-26.2650, -36.1290

■ 247.5100,
-10.5440, -7.1520

■ 167.9090,
-25.9900, -35.6060

■ 140.5500,
-26.3570, -34.4610

■ 113.7780,
-26.9990, -33.8390

■ 87.4080, -28.8330,
-33.6410

■ 58.7490, -37.2230,
-35.7750

■ 41.8540, -24.1570,

-30.2770

■ 26.4150, -12.3750,
-23.5350

■ 12.3270, -5.7750,
-10.9830

■ 223.9690,
-26.2190, -36.9630

■ 223.9690,
-26.2190, -36.9630

■ 213.8010,
-34.9740, -49.0060

■ 233.8380,
-18.0600, -25.1320

■ 203.9320,
-43.1330, -60.8370

■ 244.0060, -9.3050,
-13.0890

■ 193.7640,
-51.8880, -72.8800

■ 253.8750, -1.1460,
-1.2580

■ 183.8950,
-60.0470, -84.7110

■ 255.0000, -0.0000,
-0.0000

■ 173.7270,
-68.8020, -96.7540

■ 163.8580,
-76.9610, -108.5850

■ 154.8150,
-84.5700, -119.3700

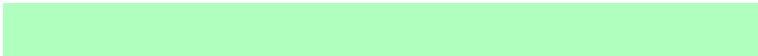
Harmonies

Analogous

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



230.0310, 14.7690, -30.8870



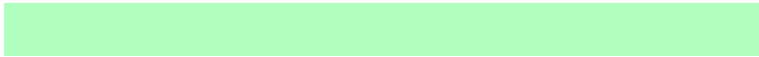
223.9690, -26.2190, -36.9630



213.0950, -70.3720, -35.2360

Triad

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



223.9690, -26.2190, -36.9630



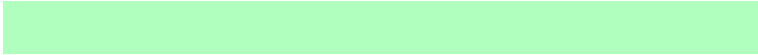
222.5520, -45.8930, -10.7970



220.5540, 30.8550, 7.9990

Complementary

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



223.9690, -26.2190, -36.9630



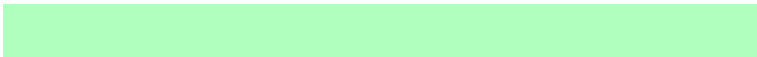
207.0310, 26.2190, 36.9630

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.



224.1680, 17.9230, 22.1070



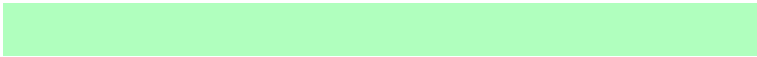
223.9690, -26.2190, -36.9630



233.1820, -3.0280, 10.8280

Square

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



223.9690, -26.2190, -36.9630



209.8730, -87.0620, -30.1180



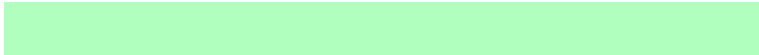
230.3460, 11.5500, 21.9660



223.2490, 38.4230, -8.0170

Rectangle

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



223.9690, -26.2190, -36.9630



207.1600, -95.3600, -33.9200



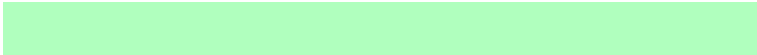
230.3460, 11.5500, 21.9660



220.9760, 26.9110, 13.3990

Sweetspot

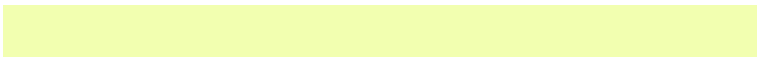
The Sweet Spot groups the original color and five complimentary colors.



223.9690, -26.2190, -36.9630



245.9570, -7.6090, -10.7850



242.1070, 17.6110, -27.3250



122.1470, -5.0880, -6.9120



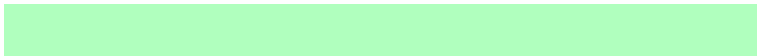
0.0000, 0.0000, 0.0000



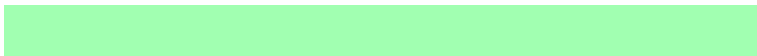
128.0000, -0.0000, -0.0000

Same Dimension

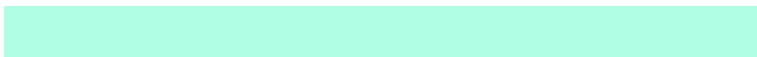
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.9690, -26.2190, -36.9630



218.0020, -30.9860, -44.1860



228.4150, -38.7380, -24.8340



122.8590, -4.2170, -6.1770



115.9930, -63.4390, -89.3190



38.8220, -21.1310, -30.0510

Inverse Universe

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



207.0310, 26.2190, 36.9630



197.8840, 31.3070, 43.8750



202.5850, 38.7380, 24.8340



120.0270, 4.5380, 5.8660



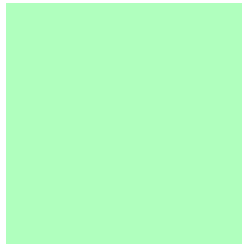
75.0070, 63.4390, 89.3190



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 223.9690, -26.2190, -36.9630 looks on a white background.

Color Contrast Check

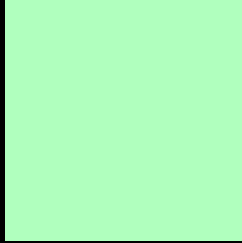
Large Text (above 18pt) WCAG AA × Fail

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 223.9690, -26.2190, -36.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

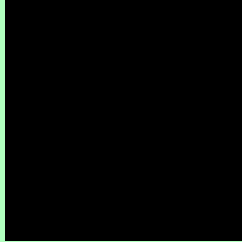
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

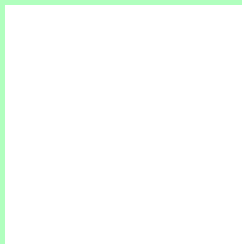
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.9690, -26.2190, -36.9630 Background



This preview shows how black text looks on a background with the YIQ color 223.9690, -26.2190, -36.9630.



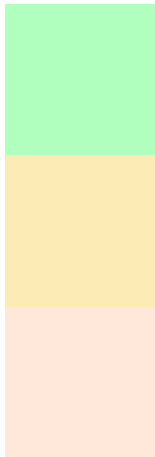
This preview shows how white text looks on a background with the YIQ color 223.9690, -26.2190, -36.9630.

-36.9630.

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

223.9690, -26.2190, -36.9630

Protanopia

233.9270, 27.4660, -13.1900

Deuteranopia

236.5800, 18.7980, 0.7340



Tritanopia

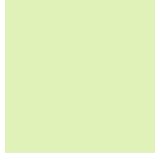
233.3160, -24.4370, -3.1650

Trichromacy



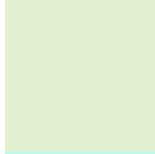
Original Color

223.9690, -26.2190, -36.9630



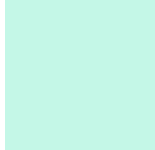
Protanomaly

230.0060, 7.8900, -21.8540



Deuteranomaly

232.0520, 2.2490, -13.2310



Tritanomaly

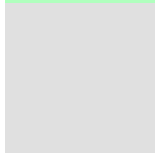
229.9270, -25.2600, -15.7880

Monochromacy



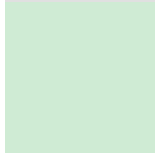
Original Color

223.9690, -26.2190, -36.9630



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

224.0060, -9.3050, -13.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.9690, -26.2190, -36.9630 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(176, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 190)  
}
```

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(176, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 190) }
```

Border

The CSS property to change the border of an element to YIQ 223.9690, -26.2190, -36.9630 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(176, 255, 190) }
```


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

```
.border{ border-color:rgb(176, 255, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 223.9690, -26.2190, -36.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 190) }
```

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

```
.background{ background-color: rgb(176,  
255, 190) }
```

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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