

Converting Colors

YIQ(223.3570, 19.9030,
-24.8090)

Have a look what the booklet for
YIQ(223.3570, 19.9030, -24.8090)
contains.

YIQ(223.3570, 19.9030, -24.8090)	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(223.3570, 19.9030,
-24.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EA9F
RGB	227, 234, 159
RGB Percent	89%, 92%, 62%
CMY	0.1099, 0.0823, 0.3763
CMYK	0.03, 0.00, 0.32, 0.08
HSL	66°, 64%, 77%
HSV	66°, 32%, 92%
XYZ	67.3581, 77.6799, 44.2604
YIQ	223.3570, 19.9030, -24.8090

Conversions

Conversions Part 2

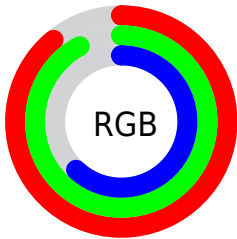
Format	Color
RYB	159, 234, 166
Decimal	14936735
CIELab	90.63, -13.85, 35.70
CIELCh	91, 38.288, 111.203
Yxy	77.6799, 0.3558, 0.4104
Android (android.graphics.Color)	4293126815 (0xFFE3EA9F)
YUV	223.3570, -31.7280, 3.1949
Hunter-Lab	88.1362, -17.8197, 31.9210

Details

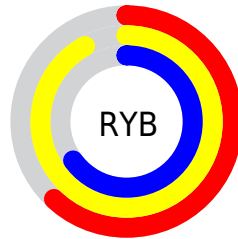
The YIQ color $223.3570, 19.9030, -24.8090$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $169.6430, -19.9030, 24.8090$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $167.8130, 18.6190, -23.5650$ is the 20% darker color. If you saturate the color by 10%, you get $220.1370, 26.0940, -32.3860$, and if you desaturate by 10%, it is $226.5770, 13.7120, -17.2320$.

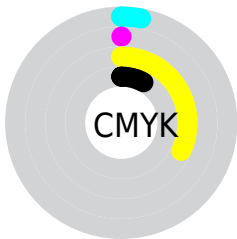
Distribution



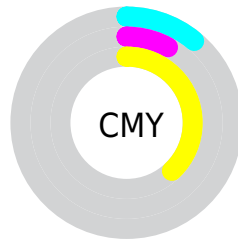
- Red (89%)
- Green (92%)
- Blue (62%)



- Red (62%)
- Yellow (92%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.3570, 19.9030, -24.8090 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 223.3570, 19.9030, -24.8090 by changing the saturation by 10% instead.

■ 223.3570, 19.9030,
-24.8090

■ 223.3570, 19.9030,
-24.8090

■ 255.0000, -0.0000,
-0.0000

■ 195.4710, 19.5820,
-24.4980

■ 250.3260, 13.1610,
-12.7510

■ 167.8130, 18.6190,
-23.5650

■ 253.6320, 3.8520,
-3.7320

■ 141.6280, 17.7020,
-23.4660

■ 115.4430, 16.7850,
-23.3670

■ 90.3720, 15.5470,
-22.9570

■ 66.1440, 16.1890,
-23.5790

■ 44.8540, 11.3740,

-18.9140

■ 25.0520, 2.2490,
-13.2310

■ 2.3480, -1.1000,
-2.0920

■ 223.3570, 19.9030,
-24.8090

■ 223.3570, 19.9030,
-24.8090

■ 220.1370, 26.0940,
-32.3860

■ 226.5770, 13.7120,
-17.2320

■ 216.8030, 32.6060,
-40.2740

■ 229.9110, 7.2000,
-9.3440

■ 213.2840, 38.2010,
-48.0630

■ 233.4300, 1.6050,
-1.5550

■ 209.9500, 44.7130,
-55.9510

■ 236.7640, -4.9070,
6.3330

■ 206.7300, 50.9040,
-63.5280

■ 237.5900, -4.3570,
7.3790

■ 203.5100, 57.0950,
-71.1050

■ 238.1880, -3.1650,
7.8030

■ 200.7460, 62.0020,
-77.4380

■ 238.7860, -1.9730,
8.2270

■ 239.6830, -0.1850,
8.8630

■ 240.2810, 1.0070,
9.2870

Harmonies

Analogous

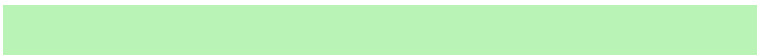
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.3430, 40.8540, -13.5300



223.3570, 19.9030, -24.8090



218.5900, -14.6660, -31.5780

Triad

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



223.3570, 19.9030, -24.8090



207.5800, -78.6270, -23.2910



222.2930, 19.0690, 23.3650

Complementary

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



223.3570, 19.9030, -24.8090



169.6430, -19.9030, 24.8090

Split Complementary

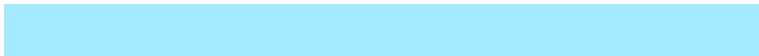
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.5850, 12.3750, 23.5350



223.3570, 19.9030, -24.8090



216.0510, -48.7360, -8.8320

Square

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



223.3570, 19.9030, -24.8090



207.6070, -83.2570, -27.4890



225.1530, -13.2520, 8.8920



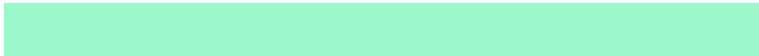
217.9610, 31.2670, 11.5470

Rectangle

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



223.3570, 19.9030, -24.8090



214.7750, -40.1120, -32.9760



225.1530, -13.2520, 8.8920



224.8350, 14.6670, 26.0510

Sweetspot

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



223.3570, 19.9030, -24.8090



251.5520, 6.8330, -8.1990



184.9470, 43.0500, 12.7620



125.5780, 3.9440, -5.4000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

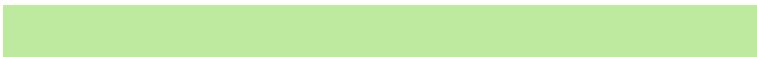
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.3570, 19.9030, -24.8090



241.2510, 25.7730, -32.0750



212.2940, -2.1490, -32.6530



115.4470, 2.9350, -3.6330



155.2830, 47.9690, -59.8950



46.3490, 14.3540, -17.8540

Inverse Universe

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



169.6430, -19.9030, 24.8090



171.7490, -25.7730, 32.0750



180.7060, 2.1490, 32.6530



107.5530, -2.9350, 3.6330



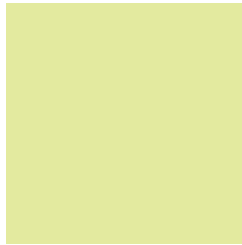
25.7170, -47.9690, 59.8950



7.6510, -14.3540, 17.8540

Previews

White Background



This preview shows how the YIQ color 223.3570, 19.9030, -24.8090 looks on a white background.

Color Contrast Check

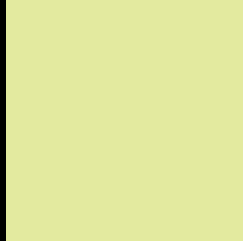
Large Text (above 18pt) WCAG AA × Fail

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 223.3570, 19.9030, -24.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

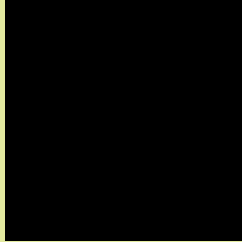
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

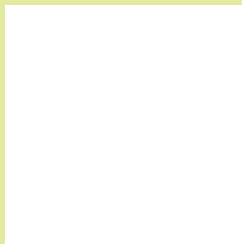
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.3570, 19.9030, -24.8090

Background



This preview shows how black text looks on a background with the YIQ color 223.3570, 19.9030, -24.8090.



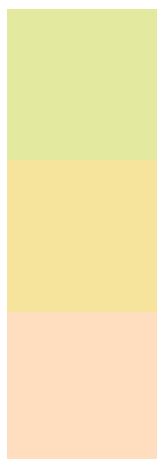
This preview shows how white text looks on a background with the YIQ color 223.3570, 19.9030, -24.8090.

-24.8090.

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

223.3570, 19.9030, -24.8090

Protanopia

225.4730, 34.4360, -18.3640

Deuteranopia

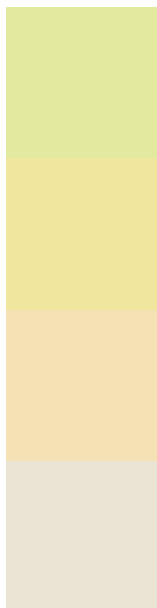
228.4470, 29.2980, -2.3340



Tritanopia

229.8250, 2.2910, 8.0430

Trichromacy



Original Color

223.3570, 19.9030, -24.8090

Protanomaly

224.6680, 29.3930, -20.5830

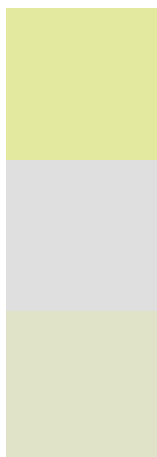
Deuteranomaly

226.4370, 26.0900, -10.2780

Tritanomaly

227.5570, 8.4370, -4.2270

Monochromacy



Original Color

223.3570, 19.9030, -24.8090

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.0250, 6.8790, -9.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.3570, 19.9030, -24.8090 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(227, 234, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 159)  
}
```

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(227, 234, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 159) }
```

Border

The CSS property to change the border of an element to YIQ 223.3570, 19.9030, -24.8090 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(227, 234, 159) }
```


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

```
.border{ border-color:rgb(227, 234, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 159);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 223.3570, 19.9030, -24.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 159) }
```

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

```
.background{ background-color: rgb(227,  
234, 159) }
```

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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