

Converting Colors

YIQ(169.3290, -9.2570,
-24.9770)

Have a look what the booklet for
YIQ(169.3290, -9.2570, -24.9770)
contains.

YIQ(169.3290, -9.2570, -24.9770)	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(169.3290, -9.2570,
-24.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	91BC89
RGB	145, 188, 137
RGB Percent	57%, 74%, 54%
CMY	0.4315, 0.2627, 0.4627
CMYK	0.23, 0.00, 0.27, 0.26
HSL	111°, 28%, 64%
HSV	111°, 27%, 74%
XYZ	34.1735, 43.7969, 30.3197
YIQ	169.3290, -9.2570, -24.9770

Conversions

Conversions Part 2

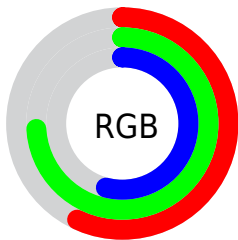
Format	Color
RYB	137, 188, 180
Decimal	9550985
CIELab	72.09, -24.17, 21.28
CIELCh	72, 32.204, 138.637
Yxy	43.7969, 0.3156, 0.4044
Android (android.graphics.Color)	4287741065 (0xFF91BC89)
YUV	169.3290, -15.9382, -21.3365
Hunter-Lab	66.1792, -23.6402, 19.1620

Details

The YIQ color **169.3290, -9.2570, -24.9770** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **155.6710, 9.2570, 24.9770**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.8020, -9.2110, -25.8110**, and **116.9700, -9.6240, -23.8320** is the 20% darker color. If you saturate the color by 10%, you get **162.3790, -12.6940, -34.2780**, and if you desaturate by 10%, it is **176.2790, -5.8200, -15.6760**.

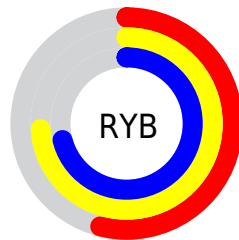
Distribution



Red (57%)

Green (74%)

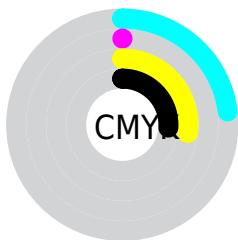
Blue (54%)



Red (54%)

Yellow (74%)

Blue (71%)

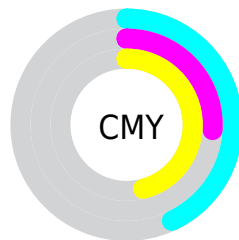


Cyan (23%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (43%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.3290, -9.2570, -24.9770 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 169.3290, -9.2570, -24.9770 by changing the saturation by 10% instead.

■ 169.3290, -9.2570,
-24.9770

■ 169.3290, -9.2570,
-24.9770

■ 255.0000, -0.0000,
-0.0000

■ 142.7420, -8.9820,
-24.4540

■ 224.8020, -9.2110,
-25.8110

■ 116.9700, -9.6240,
-23.8320

■ 242.8230, -4.5360,
-16.9200

■ 91.7960, -9.0740,
-22.7860

■ 254.0880, 2.5680,
-2.4880

■ 68.0240, -9.7160,
-22.1640

■ 44.2520, -10.3580,
-21.5420

■ 23.1920, -10.1290,
-20.1850

■ 8.2180, -3.8500,

-7.3220

■ 0.0000, 0.0000,
0.0000

■ 169.3290, -9.2570,
-24.9770

■ 169.3290, -9.2570,
-24.9770

■ 162.3790,
-12.6940, -34.2780

■ 176.2790, -5.8200,
-15.6760

■ 155.4290,
-16.1310, -43.5790

■ 183.2290, -2.3830,
-6.3750

■ 148.5930,
-19.8890, -52.5690

■ 190.0650, 1.3750,
2.6150

■ 141.6430,
-23.3260, -61.8700

■ 196.7160, 4.2160,
11.7040

■ 134.9920,
-26.1670, -70.9590

■ 203.6660, 7.6530,
21.0050

■ 128.0420,
-29.6040, -80.2600

■ 210.6160, 11.0900,
30.3060

■ 121.0920,
-33.0410, -89.5610

■ 215.6710, 18.4250,
35.0410

■ 119.0270,
-34.4160, -92.1760

Harmonies

Analogous

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



173.1490, 17.7930, -19.6070



169.3290, -9.2570, -24.9770



164.2900, -39.8840, -26.0920

Triad

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



169.3290, -9.2570, -24.9770



170.2760, -53.3230, 2.7170



179.6750, 46.9920, 18.4160

Complementary

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



169.3290, -9.2570, -24.9770



155.6710, 9.2570, 24.9770

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.



181.2900, 32.3190, 25.5270



169.3290, -9.2570, -24.9770



177.3340, -23.7070, 16.6530

Square

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



169.3290, -9.2570, -24.9770



162.0250, -72.2100, -12.9300



181.0020, 6.8270, 24.9630



177.9550, 48.5990, 5.8070

Rectangle

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



169.3290, -9.2570, -24.9770



161.2910, -58.8200, -24.3240



181.0020, 6.8270, 24.9630



180.5160, 43.1860, 21.3140

Sweetspot

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



169.3290, -9.2570, -24.9770



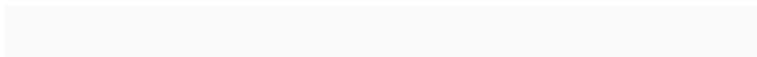
237.6370, -3.7120, -9.8240



177.4900, 18.5710, -11.6770



117.6420, -2.1080, -5.8520



250.0000, 0.0000, 0.0000



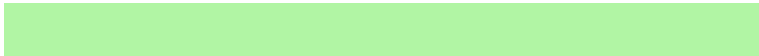
122.0000, 0.0000, -0.0000

Same Dimension

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



169.3290, -9.2570, -24.9770



215.4340, -14.5270, -39.6070



168.8750, -19.4820, -21.3860



90.5820, -1.8790, -4.4950



100.2210, -28.5500, -77.3340



19.6920, -5.5450, -15.1530

Inverse Universe

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



155.6710, 9.2570, 24.9770



193.5660, 14.5270, 39.6070



156.1250, 19.4820, 21.3860



88.4180, 1.8790, 4.4950



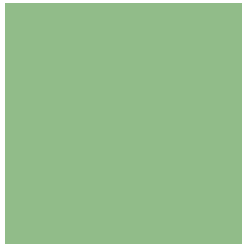
57.7790, 28.5500, 77.3340



11.3080, 5.5450, 15.1530

Previews

White Background



This preview shows how the YIQ color 169.3290, -9.2570, -24.9770 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 169.3290, -9.2570, -24.9770 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 169.3290, -9.2570, -24.9770

Background



This preview shows how black text looks on a background with the YIQ color 169.3290, -9.2570, -24.9770.



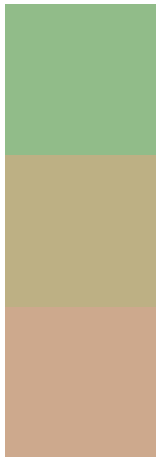
This preview shows how white text looks on a background with the YIQ color 169.3290, -9.2570,

-24.9770.

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

169.3290, -9.2570, -24.9770

Protanopia

174.8710, 21.8720, -10.9280

Deuteranopia

176.5720, 30.4440, -1.0760



Tritanopia

174.2350, -19.7150, -0.6350

Trichromacy



Original Color

169.3290, -9.2570, -24.9770

Protanomaly

172.6630, 10.5940, -15.7900

Deuteranomaly

173.9890, 15.7280, -9.7120

Tritanomaly

172.4060, -16.1830, -9.5830

Monochromacy



Original Color

169.3290, -9.2570, -24.9770

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.0500, -3.4370, -9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.3290, -9.2570, -24.9770 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(145, 188, 137)` looks like.

```
.text, #text, p{  
    color:rgb(145, 188, 137)  
}
```

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(145, 188, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 188, 137) }
```

Border

The CSS property to change the border of an element to YIQ 169.3290, -9.2570, -24.9770 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(145, 188, 137) }
```


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

```
.border{ border-color:rgb(145, 188, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 188, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 188, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 188, 137); box-shadow:4px 4px 4px 4px rgb(145, 188, 137) }
```

Background

The CSS property to change the background color of an element to YIQ 169.3290, -9.2570, -24.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 188, 137) }
```

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

```
.background{ background-color: rgb(145,  
188, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor