

Converting Colors

YIQ(139.2970, -13.1170,
22.9710)

Have a look what the booklet for
YIQ(139.2970, -13.1170, 22.9710)
contains.

YIQ(139.2970, -13.1170, 22.9710)	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(139.2970, -13.1170,
22.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	8D80C1
RGB	141, 128, 193
RGB Percent	55%, 50%, 76%
CMY	0.4470, 0.4980, 0.2432
CMYK	0.27, 0.34, 0.00, 0.24
HSL	252°, 34%, 63%
HSV	252°, 34%, 76%
XYZ	28.3288, 24.9504, 53.7596
YIQ	139.2970, -13.1170, 22.9710

Conversions

Conversions Part 2

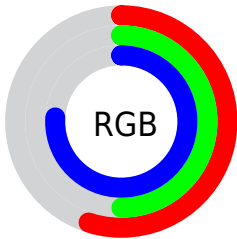
Format	Color
R _Y B	141, 128, 193
Decimal	9273537
CIE Lab	57.03, 19.22, -32.17
CIE LCh	57, 37.470, 300.857
Yxy	24.9504, 0.2647, 0.2331
Android (android.graphics.Color)	4287463617 (0xFF8D80C1)
YUV	139.2970, 26.4756, 1.4935
Hunter-Lab	49.9503, 13.8213, -28.8463

Details

The YIQ color $139.2970, -13.1170, 22.9710$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $181.7030, 13.1170, -22.9710$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $193.3510, -13.2090, 24.6390$, and $88.8300, -13.3000, 20.7800$ is the 20% darker color. If you saturate the color by 10%, you get $123.6590, -16.8320, 29.7280$, and if you desaturate by 10%, it is $154.9350, -9.4020, 16.2140$.

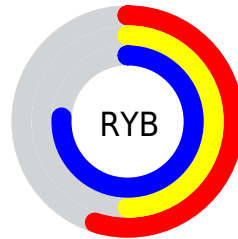
Distribution



Red (55%)

Green (50%)

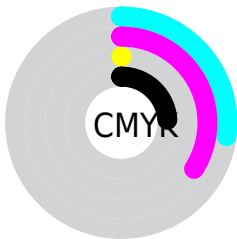
Blue (76%)



Red (55%)

Yellow (50%)

Blue (76%)

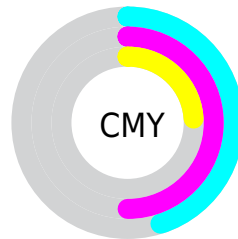


Cyan (27%)

Magenta (34%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (50%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.2970, -13.1170, 22.9710 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 139.2970, -13.1170, 22.9710 by changing the saturation by 10% instead.

■ 139.2970,
-13.1170, 22.9710

■ 139.2970,
-13.1170, 22.9710

■ 255.0000, -0.0000,
-0.0000

■ 113.7700,
-13.0710, 22.1370

■ 193.3510,
-13.2090, 24.6390

■ 88.8300, -13.3000,
20.7800

■ 218.1420, -5.5510,
18.0090

■ 64.8900, -13.5290,
19.4230

■ 243.8360, 3.7580,
8.9900

■ 41.7650, -14.6750,
18.1650

■ 19.2160, -17.5630,
15.4370

■ 4.7880, -13.4820,
13.0620

■ 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 139.2970,
-13.1170, 22.9710

■ 139.2970,
-13.1170, 22.9710

■ 123.6590,
-16.8320, 29.7280

■ 154.9350, -9.4020,
16.2140

■ 107.1350,
-20.8680, 36.7960

■ 171.4590, -5.3660,
9.1460

■ 91.4970, -24.5830,
43.5530

■ 187.0970, -1.6510,
2.3890

■ 75.5600, -28.8940,
50.0980

■ 203.0340, 2.6600,
-4.1560

■ 59.9220, -32.6090,
56.8550

■ 218.6720, 6.3750,
-10.9130

■ 43.3980, -36.6450,
63.9230

■ 235.1960, 10.4110,
-17.9810

■ 33.6630, -38.7090,
68.2910

■ 246.1380, 16.3260,
-20.5540

■ 247.9320, 19.9020,
-19.2820

Harmonies

Analogous

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



130.9220, -52.0860, 7.8340



139.2970, -13.1170, 22.9710



140.5800, 19.9390, 29.6270

Triad

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



139.2970, -13.1170, 22.9710



136.6250, 49.2880, -1.1760



110.5010, -77.3870, -34.7550

Complementary

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



139.2970, -13.1170, 22.9710



181.7030, 13.1170, -22.9710

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.



125.0110, -26.0370, -29.2450



139.2970, -13.1170, 22.9710



133.8690, 33.3810, -15.7630

Square

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



139.2970, -13.1170, 22.9710



138.0900, 52.9530, 15.0090



130.8980, 8.0740, -25.1900



109.0770, -96.3240, -27.4600

Rectangle

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



139.2970, -13.1170, 22.9710



139.7360, 36.9950, 28.8910



130.8980, 8.0740, -25.1900



117.8150, -54.7840, -31.3920

Sweetspot

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



139.2970, -13.1170, 22.9710



229.3450, -5.0450, 8.8350



165.9340, -35.1650, -6.9810



112.6070, -3.0270, 5.3010



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



139.2970, -13.1170, 22.9710



167.3800, -20.1800, 35.3400



148.8650, 5.9550, 29.7550



88.7380, -2.0180, 3.5340



27.9220, -32.6090, 56.8550



5.8550, -6.4210, 11.7470

Inverse Universe

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



153.3630, 22.0480, 29.9520



189.0200, 33.9200, 46.0800



171.8360, -6.5510, -29.9670



90.9020, 3.3920, 4.6080



62.7310, 54.8680, 73.9400



12.9450, 11.0010, 15.3930

Previews

White Background



This preview shows how the YIQ color 139.2970, -13.1170, 22.9710 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 139.2970, -13.1170, 22.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

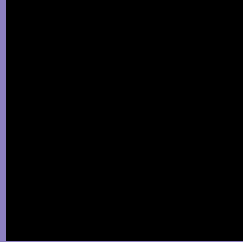
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.2970, -13.1170, 22.9710

Background



This preview shows how black text looks on a background with the YIQ color 139.2970, -13.1170, 22.9710.



This preview shows how white text looks on a background with the YIQ color 139.2970, -13.1170, 22.9710.

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

139.2970, -13.1170, 22.9710

Protanopia

136.5010, -31.5470, 15.5650

Deuteranopia

136.3010, -28.1080, 13.8120



Tritanopia

136.7590, -6.5110, 2.3610

Trichromacy



Original Color

139.2970, -13.1170, 22.9710

Protanomaly

137.2030, -24.7160, 18.4200

Deuteranomaly

137.0460, -22.8360, 17.3880

Tritanomaly

137.7190, -9.0340, 9.5420

Monochromacy



Original Color

139.2970, -13.1170, 22.9710

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.2310, -4.7240, 8.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.2970, -13.1170, 22.9710 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(141, 128, 193)` looks like.

```
.text, #text, p{  
    color:rgb(141, 128, 193)  
}
```

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(141, 128, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 128, 193) }
```

Border

The CSS property to change the border of an element to YIQ 139.2970, -13.1170, 22.9710 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(141, 128, 193) }
```


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

```
.border{ border-color:rgb(141, 128, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 128, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 128, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 128, 193); box-shadow:4px 4px 4px 4px rgb(141, 128, 193) }
```

Background

The CSS property to change the background color of an element to YIQ 139.2970, -13.1170, 22.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 128, 193) }
```

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

```
.background{ background-color: rgb(141,  
128, 193) }
```

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