

Converting Colors

YIQ(139.7170, 2.4750, 4.7070)

Have a look what the booklet for
YIQ(139.7170, 2.4750, 4.7070)
contains.

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Color

**YIQ(139.7170, 2.4750,
4.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	918891
RGB	145, 136, 145
RGB Percent	57%, 53%, 57%
CMY	0.4313, 0.4667, 0.4314
CMYK	0.00, 0.06, 0.00, 0.43
HSL	300°, 4%, 55%
HSV	300°, 6%, 57%
XYZ	25.5928, 25.6720, 30.3947
YIQ	139.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

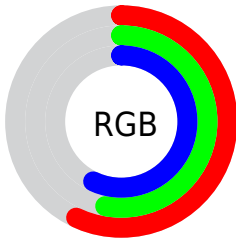
Format	Color
R_{YB}	145, 136, 145
Decimal	9537681
CIE _{Lab}	57.72, 5.09, -3.60
CIE _{LCh}	58, 6.237, 324.758
Yxy	25.6720, 0.3134, 0.3144
Android (android.graphics.Color)	4287727761 (0xFF918891)
YUV	139.7170, 2.6045, 4.6332
Hunter-Lab	50.6675, 1.4944, -0.0999

Details

The YIQ color $139.7170, 2.4750, 4.7070$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $141.2830, -2.4750, -4.7070$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.1300, 2.7500, 5.2300$, and $89.7170, 2.4750, 4.7070$ is the 20% darker color. If you saturate the color by 10%, you get $130.9120, 6.6000, 12.5520$, and if you desaturate by 10%, it is $148.5220, -1.6500, -3.1380$.

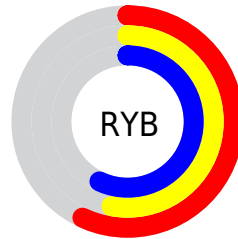
Distribution



Red (57%)

Green (53%)

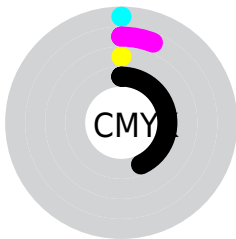
Blue (57%)



Red (57%)

Yellow (53%)

Blue (57%)

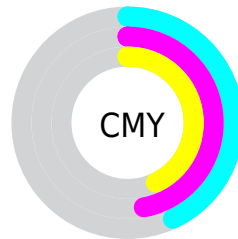


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (43%)



Cyan (43%)


Magenta (47%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.7170, 2.4750, 4.7070 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 139.7170, 2.4750, 4.7070 by changing the saturation by 10% instead.


 139.7170, 2.4750,
4.7070


 139.7170, 2.4750,
4.7070


255.0000, -0.0000,
-0.0000


 114.3040, 2.2000,
4.1840


 193.1300, 2.7500,
5.2300


 89.7170, 2.4750,
4.7070


 221.1300, 2.7500,
5.2300

 66.3040, 2.2000,
4.1840

 249.7170, 2.4750,
4.7070

 44.3040, 2.2000,
4.1840

 23.8910, 1.9250,
3.6610

 0.0000, 0.0000,
0.0000

■ 139.7170, 2.4750,
4.7070

■ 139.7170, 2.4750,
4.7070

■ 130.9120, 6.6000,
12.5520

■ 148.5220, -1.6500,
-3.1380

■ 122.6940, 10.4500,
19.8740

■ 156.7400, -5.5000,
-10.4600

■ 113.8890, 14.5750,
27.7190

■ 165.5450, -9.6250,
-18.3050

■ 105.6710, 18.4250,
35.0410

■ 173.7630,
-13.4750, -25.6270

■ 96.8660, 22.5500,
42.8860

■ 182.5680,
-17.6000, -33.4720

■ 88.6480, 26.4000,
50.2080

■ 190.7860,
-21.4500, -40.7940

■ 79.8430, 30.5250,
58.0530

■ 199.5910,
-25.5750, -48.6390

■ 71.6250, 34.3750,

■ 207.8090,

65.3750

-29.4250, -55.9610

■ 62.8200, 38.5000,
73.2200

■ 209.5700,
-30.2500, -57.5300

Harmonies

Analogous

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



139.4390, -2.6140, 3.3220



139.7170, 2.4750, 4.7070



139.7560, 6.7390, 4.5230

Triad

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



139.7170, 2.4750, 4.7070



138.6540, 6.7860, -1.8380



137.0310, -10.4530, -3.2930

Complementary

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



139.7170, 2.4750, 4.7070



141.2830, -2.4750, -4.7070

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.



136.9450, -7.3350, -4.7350



139.7170, 2.4750, 4.7070



138.1480, 2.3390, -3.8450

Square

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



139.7170, 2.4750, 4.7070



139.2030, 9.6740, 0.8900



137.2830, -2.4750, -4.7070



137.4980, -10.2700, -1.1020

Rectangle

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



139.7170, 2.4750, 4.7070



139.8980, 9.2150, 3.7030



137.2830, -2.4750, -4.7070



137.1020, -9.2150, -3.7030

Sweetspot

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



139.7170, 2.4750, 4.7070



186.6520, 1.1000, 2.0920



137.0260, -2.8890, 2.7990



92.8260, 0.5500, 1.0460



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



139.7170, 2.4750, 4.7070



180.7820, 3.8500, 7.3220



139.2610, 3.7590, 3.4630



68.0650, 1.3750, 2.6150



55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Inverse Universe

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



139.7170, 2.4750, 4.7070



180.7820, 3.8500, 7.3220



141.8530, -4.0800, -3.1520



68.0650, 1.3750, 2.6150



55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 139.7170, 2.4750, 4.7070 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 139.7170, 2.4750, 4.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

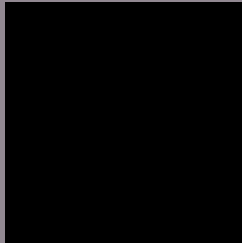
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.7170, 2.4750, 4.7070

Background



This preview shows how black text looks on a background with the YIQ color 139.7170, 2.4750, 4.7070.



This preview shows how white text looks on a background with the YIQ color 139.7170, 2.4750,

4.7070.

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

139.7170, 2.4750, 4.7070

Protanopia

139.2110, -1.9720, 2.7000

Deuteranopia

140.3260, 5.1340, 6.0780



Tritanopia

139.8310, 2.1540, 5.0180

Trichromacy



Original Color

139.7170, 2.4750, 4.7070

Protanomaly

139.2220, -0.5050, 3.6470

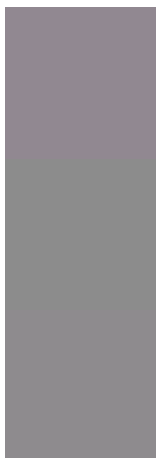
Deuteranomaly

140.0270, 4.5380, 5.8660

Tritanomaly

139.8310, 2.1540, 5.0180

Monochromacy



Original Color

139.7170, 2.4750, 4.7070

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2390, 0.8250, 1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.7170, 2.4750, 4.7070 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, 136, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 136, 145)  
}
```

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, 136, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 136, 145) }
```

Border

The CSS property to change the border of an element to YIQ 139.7170, 2.4750, 4.7070 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, 136, 145) }
```


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

```
.border{ border-color:rgb(145, 136, 145) }
```

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

Here you see how a box with a 4 pixel rgb(145, 136, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 136, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 136, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 136,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 139.7170, 2.4750, 4.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 136, 145) }
```

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

```
.background{ background-color: rgb(145,  
136, 145) }
```

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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