

Converting Colors

YIQ(135.7170, 2.4750, 4.7070)

Have a look what the booklet for
YIQ(135.7170, 2.4750, 4.7070)
contains.

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Color

**YIQ(135.7170, 2.4750,
4.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	8D848D
RGB	141, 132, 141
RGB Percent	55%, 52%, 55%
CMY	0.4470, 0.4824, 0.4471
CMYK	0.00, 0.06, 0.00, 0.45
HSL	300°, 4%, 54%
HSV	300°, 6%, 55%
XYZ	24.0442, 24.0879, 28.5818
YIQ	135.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

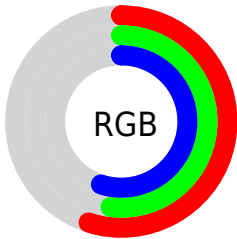
Format	Color
R_{YB}	141, 132, 141
Decimal	9274509
CIE Lab	56.18, 5.12, -3.62
CIE LCh	56, 6.270, 324.767
Yxy	24.0879, 0.3134, 0.3140
Android (android.graphics.Color)	4287464589 (0xFF8D848D)
YUV	135.7170, 2.6045, 4.6332
Hunter-Lab	49.0795, 1.5587, -0.1723

Details

The YIQ color $135.7170, 2.4750, 4.7070$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $137.2830, -2.4750, -4.7070$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.1300, 2.7500, 5.2300$, and $86.3040, 2.2000, 4.1840$ is the 20% darker color. If you saturate the color by 10%, you get $127.4990, 6.3250, 12.0290$, and if you desaturate by 10%, it is $143.9350, -1.3750, -2.6150$.

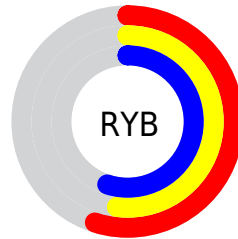
Distribution



Red (55%)

Green (52%)

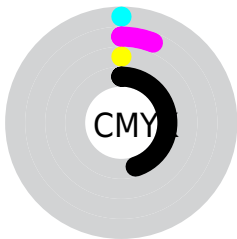
Blue (55%)



Red (55%)

Yellow (52%)

Blue (55%)

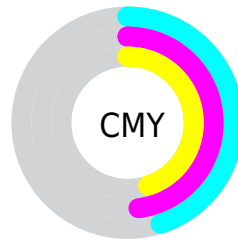


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.7170, 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 135.7170, 2.4750, 4.7070 by changing the saturation by 10% instead.

■ 135.7170, 2.4750,
4.7070

■ 135.7170, 2.4750,
4.7070

■ 255.0000, -0.0000,
-0.0000

■ 110.3040, 2.2000,
4.1840

■ 189.1300, 2.7500,
5.2300

■ 86.3040, 2.2000,
4.1840

■ 217.0160, 3.0710,
4.9190

■ 62.8910, 1.9250,
3.6610

■ 245.1300, 2.7500,
5.2300

■ 40.8910, 1.9250,
3.6610

■ 20.3040, 2.2000,
4.1840

■ 0.0000, 0.0000,
0.0000

■ 135.7170, 2.4750,
4.7070

■ 135.7170, 2.4750,
4.7070

■ 127.4990, 6.3250,
12.0290

■ 143.9350, -1.3750,
-2.6150

■ 119.2810, 10.1750,
19.3510

■ 152.1530, -5.2250,
-9.9370

■ 111.0630, 14.0250,
26.6730

■ 160.3710, -9.0750,
-17.2590

■ 102.8450, 17.8750,
33.9950

■ 168.5890,
-12.9250, -24.5810

■ 94.0400, 22.0000,
41.8400

■ 177.3940,
-17.0500, -32.4260

■ 85.8220, 25.8500,
49.1620

■ 185.6120,
-20.9000, -39.7480

■ 77.6040, 29.7000,
56.4840

■ 193.8300,
-24.7500, -47.0700

■ 69.3860, 33.5500,

■ 202.0480,

63.8060

-28.6000, -54.3920

■ 61.1680, 37.4000,
71.1280

■ 207.9180,
-31.3500, -59.6220

Harmonies

Analogous

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



135.4390, -2.6140, 3.3220



135.7170, 2.4750, 4.7070



135.7560, 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.



135.7170, 2.4750, 4.7070



134.6540, 6.7860, -1.8380



133.0310, -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.



135.7170, 2.4750, 4.7070



137.2830, -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.



132.9450, -7.3350, -4.7350



135.7170, 2.4750, 4.7070



134.1480, 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.



135.7170, 2.4750, 4.7070



135.2030, 9.6740, 0.8900



133.2830, -2.4750, -4.7070



133.4980, -10.2700, -1.1020

Rectangle

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



135.7170, 2.4750, 4.7070



135.8980, 9.2150, 3.7030



133.2830, -2.4750, -4.7070



133.1020, -9.2150, -3.7030

Sweetspot

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



135.7170, 2.4750, 4.7070



181.6520, 1.1000, 2.0920



133.0260, -2.8890, 2.7990



90.8260, 0.5500, 1.0460



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



135.7170, 2.4750, 4.7070



175.1950, 4.1250, 7.8450



135.2610, 3.7590, 3.4630



66.8910, 1.9250, 3.6610



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.



135.7170, 2.4750, 4.7070



175.1950, 4.1250, 7.8450



137.8530, -4.0800, -3.1520



66.8910, 1.9250, 3.6610



55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 135.7170, 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 135.7170, 2.4750, 4.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

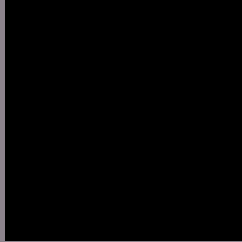
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.7170, 2.4750, 4.7070

Background



This preview shows how black text looks on a background with the YIQ color 135.7170, 2.4750, 4.7070.



This preview shows how white text looks on a background with the YIQ color 135.7170, 2.4750,

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

135.7170, 2.4750, 4.7070

Protanopia

135.2110, -1.9720, 2.7000

Deuteranopia

136.3260, 5.1340, 6.0780



Tritanopia

135.8310, 2.1540, 5.0180

Trichromacy



Original Color

135.7170, 2.4750, 4.7070

Protanomaly

135.2220, -0.5050, 3.6470

Deuteranomaly

136.0270, 4.5380, 5.8660

Tritanomaly

135.8310, 2.1540, 5.0180

Monochromacy



Original Color

135.7170, 2.4750, 4.7070

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.2390, 0.8250, 1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7170, 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(141, 132, 141)` looks like.

```
.text, #text, p{  
    color:rgb(141, 132, 141)  
}
```

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, 132, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 132, 141) }
```

Border

The CSS property to change the border of an element to YIQ 135.7170, 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(141, 132, 141) }
```


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

```
.border{ border-color:rgb(141, 132, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 132, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(141, 132,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7170, 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(141, 132, 141) }
```

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

```
.background{ background-color: rgb(141,  
132, 141) }
```

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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