

Converting Colors

YIQ(123.2590, 7.2410, 17.4570)

Have a look what the booklet for
YIQ(123.2590, 7.2410, 17.4570)
contains.

YIQ(123.2590, 7.2410, 17.4570)	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(123.2590, 7.2410,
17.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6E91
RGB	141, 110, 145
RGB Percent	55%, 43%, 57%
CMY	0.4470, 0.5687, 0.4314
CMYK	0.03, 0.24, 0.00, 0.43
HSL	293°, 14%, 50%
HSV	293°, 24%, 57%
XYZ	21.6741, 18.8583, 29.2859
YIQ	123.2590, 7.2410, 17.4570

Conversions

Conversions Part 2

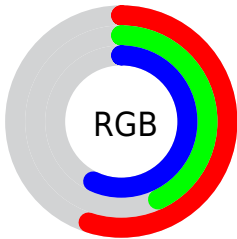
Format	Color
R _Y B	141, 110, 145
Decimal	9268881
CIE Lab	50.52, 18.74, -14.41
CIE LCh	51, 23.642, 322.447
Yxy	18.8583, 0.3104, 0.2701
Android (android.graphics.Color)	4287458961 (0xFF8D6E91)
YUV	123.2590, 10.7183, 15.5589
Hunter-Lab	43.4261, 13.0940, -9.5860

Details

The YIQ color $123.2590, 7.2410, 17.4570$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $131.7410, -7.2410, -17.4570$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.0850, 7.7910, 18.5030$, and $74.0200, 6.4160, 15.8880$ is the 20% darker color. If you saturate the color by 10%, you get $113.8560, 10.1740, 24.8780$, and if you desaturate by 10%, it is $132.0750, 4.5830, 10.5590$.

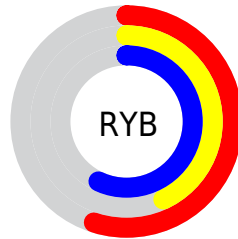
Distribution



Red (55%)

Green (43%)

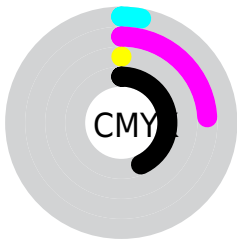
Blue (57%)



Red (55%)

Yellow (43%)

Blue (57%)

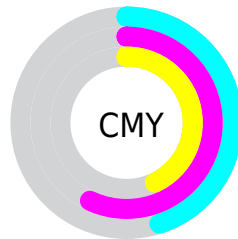


Cyan (3%)

Magenta (24%)

Yellow (0%)

Black (43%)



Cyan (45%)

Magenta (57%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.2590, 7.2410, 17.4570 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 123.2590, 7.2410, 17.4570 by changing the saturation by 10% instead.

■ 123.2590, 7.2410,
17.4570

■ 123.2590, 7.2410,
17.4570

■ 255.0000, -0.0000,
-0.0000

■ 97.8460, 6.9660,
16.9340

■ 176.0850, 7.7910,
18.5030

■ 74.0200, 6.4160,
15.8880

■ 203.4980, 8.0660,
19.0260

■ 51.3080, 5.5450,
15.1530

■ 231.7970, 8.6620,
19.2380

■ 29.7810, 5.5910,
14.3190

■ 249.1300, 2.7500,
5.2300

■ 10.9660, 6.5080,
14.2200

■ 0.0000, 0.0000,
0.0000

123.2590, 7.2410,
17.4570

123.2590, 7.2410,
17.4570

113.8560, 10.1740,
24.8780

132.0750, 4.5830,
10.5590

105.3390, 13.4280,
31.9880

141.1790, 1.0540,
2.9260

95.9360, 16.3610,
39.4090

149.9950, -1.6040,
-3.9720

87.1200, 19.0190,
46.3070

159.3980, -4.5370,
-11.3930

78.0160, 22.5480,
53.9400

167.9150, -7.7910,
-18.5030

69.2000, 25.2060,
60.8380

177.3180,
-10.7240, -25.9240

59.7970, 28.1390,
68.2590


186.1340,
-13.3820, -32.8220

55.1010, 30.3390,

195.2380,

72.4430

-16.9110, -40.4550

 204.0540,
-19.5690, -47.3530

Harmonies

Analogous

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



121.2610, -13.4360, 12.2280



123.2590, 7.2410, 17.4570



123.2300, 23.3800, 16.8200

Triad

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



123.2590, 7.2410, 17.4570



119.3600, 24.9890, -6.8430



109.0310, -45.9840, -14.6560

Complementary

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



123.2590, 7.2410, 17.4570



131.7410, -7.2410, -17.4570

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.



111.4210, -29.7070, -17.7950



123.2590, 7.2410, 17.4570



117.8310, 10.1810, -13.8110

Square

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



123.2590, 7.2410, 17.4570



121.3490, 32.6900, 2.2740



114.6700, -8.4790, -17.0470



111.2900, -47.9110, -7.2630

Rectangle

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



123.2590, 7.2410, 17.4570



122.2430, 30.5330, 13.8370



114.6700, -8.4790, -17.0470



109.4290, -41.3530, -15.9850

Sweetspot

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



123.2590, 7.2410, 17.4570



180.1840, 2.6580, 6.8980



116.3380, -12.3350, 8.7930



89.5920, 1.3290, 3.4490



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.



123.2590, 7.2410, 17.4570



154.6220, 10.9530, 27.2810



122.9730, 13.7980, 14.2620



66.8910, 1.9250, 3.6610



51.2700, 28.1850, 67.4250



3.0050, 1.6040, 3.9720

Inverse Universe

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



120.9210, 19.5760, 8.6640



151.1290, 30.8540, 13.5260



132.0270, -13.7980, -14.2620



66.2070, 3.8510, 1.7950



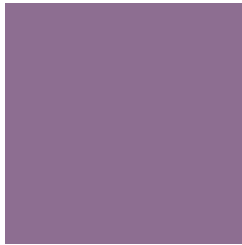
42.0750, 75.6450, 33.2850



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 123.2590, 7.2410, 17.4570 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 123.2590, 7.2410, 17.4570 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 123.2590, 7.2410, 17.4570

Background



This preview shows how black text looks on a background with the YIQ color 123.2590, 7.2410, 17.4570.



This preview shows how white text looks on a background with the YIQ color 123.2590, 7.2410,

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

123.2590, 7.2410, 17.4570

Protanopia

120.8540, -13.8480, 8.6800

Deuteranopia

121.8610, -6.5580, 8.7220



Tritanopia

122.2020, 11.4150, 7.8870

Trichromacy



Original Color

123.2590, 7.2410, 17.4570

Protanomaly

121.8550, -6.4210, 11.7470

Deuteranomaly

122.1930, -1.5610, 11.7750

Tritanomaly

122.8260, 9.7180, 11.1100

Monochromacy



Original Color

123.2590, 7.2410, 17.4570

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.2590, 7.2410, 17.4570 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, 110, 145)` looks like.

```
.text, #text, p{  
    color:rgb(141, 110, 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(141, 110, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 110, 145) }
```

Border

The CSS property to change the border of an element to YIQ 123.2590, 7.2410, 17.4570 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, 110, 145) }
```


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

```
.border{ border-color:rgb(141, 110, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 110, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 110, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 110, 145);  
box-shadow:4px 4px 4px 4px rgb(141, 110,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 123.2590, 7.2410, 17.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 110, 145) }
```

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

```
.background{ background-color: rgb(141,  
110, 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](#).

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