

Converting Colors

YIQ(114.9890, 7.7010, 9.1170)

Have a look what the booklet for
YIQ(114.9890, 7.7010, 9.1170)
contains.

YIQ(114.9890, 7.7010, 9.1170)	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(114.9890, 7.7010,
9.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	806B7A
RGB	128, 107, 122
RGB Percent	50%, 42%, 48%
CMY	0.4980, 0.5804, 0.5215
CMYK	0.00, 0.16, 0.05, 0.50
HSL	317°, 9%, 46%
HSV	317°, 16%, 50%
XYZ	17.6743, 16.5092, 20.6690
YIQ	114.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

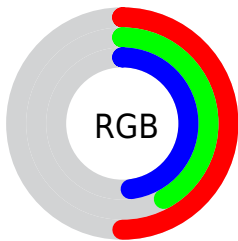
Format	Color
R_{YB}	128, 107, 122
Decimal	8416122
CIE Lab	47.64, 11.10, -5.23
CIE LCh	48, 12.267, 334.782
Yxy	16.5092, 0.3222, 0.3010
Android (android.graphics.Color)	4286606202 (0xFF806B7A)
YUV	114.9890, 3.4564, 11.4106
Hunter-Lab	40.6315, 6.5406, -1.7184

Details

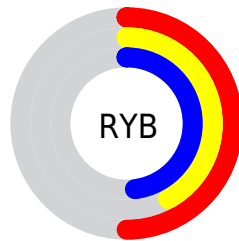
The YIQ color $114.9890, 7.7010, 9.1170$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $120.0110, -7.7010, -9.1170$, and the grayscale version is $115.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $166.7010, 8.5720, 9.8520$, and $67.1630, 7.1510, 8.0710$ is the 20% darker color. If you saturate the color by 10%, you get $106.9020, 12.5600, 14.6720$, and if you desaturate by 10%, it is $123.0760, 2.8420, 3.5620$.

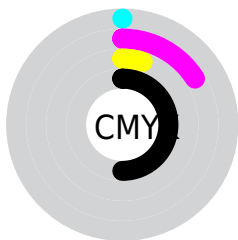
Distribution



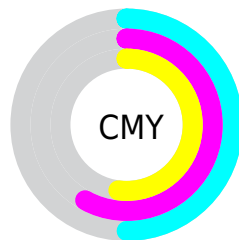
- Red (50%)
- Green (42%)
- Blue (48%)



- Red (50%)
- Yellow (42%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9890, 7.7010, 9.1170 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 114.9890, 7.7010, 9.1170 by changing the saturation by 10% instead.

■ 114.9890, 7.7010,
9.1170

■ 114.9890, 7.7010,
9.1170

■ 255.0000, -0.0000,
-0.0000

■ 90.5760, 7.4260,
8.5940

■ 166.7010, 8.5720,
9.8520

■ 67.1630, 7.1510,
8.0710

■ 194.1140, 8.8470,
10.3750

■ 44.8640, 6.5550,
7.8590

■ 222.1140, 8.8470,
10.3750

■ 23.5650, 5.9590,
7.6470

■ 246.7820, 3.8500,
7.3220

■ 0.6410, -0.3670,
1.1450

■ 0.0000, 0.0000,
0.0000

■ 114.9890, 7.7010,
9.1170

■ 114.9890, 7.7010,
9.1170

■ 106.9020, 12.5600,
14.6720

■ 123.0760, 2.8420,
3.5620

■ 98.9290, 17.0980,
20.5380

■ 131.0490, -1.6960,
-2.3040

■ 91.4290, 21.6820,
25.5700

■ 138.5490, -6.2800,
-7.3360

■ 83.3420, 26.5410,
31.1250

■ 146.6360,
-11.1390, -12.8910

■ 75.3690, 31.0790,
36.9910

■ 154.6090,
-15.6770, -18.7570

■ 67.2820, 35.9380,
42.5460

■ 162.6960,
-20.5360, -24.3120

■ 59.1950, 40.7970,
48.1010

■ 170.7830,
-25.3950, -29.8670

■ 51.8090, 45.0600,

■ 178.1690,

53.4440

-29.6580, -35.2100

■ 48.6460, 47.0770,
55.4370

■ 186.2560,
-34.5170, -40.7650

Harmonies

Analogous

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



114.3730, -2.2480, 7.7040



114.9890, 7.7010, 9.1170



115.0560, 14.7620, 7.8020

Triad

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



114.9890, 7.7010, 9.1170



112.8130, 10.5920, -4.7360



109.1160, -20.9980, -4.9180

Complementary

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



114.9890, 7.7010, 9.1170



120.0110, -7.7010, -9.1170

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.



109.1610, -16.8710, -8.1270



114.9890, 7.7010, 9.1170



111.3280, 1.6520, -7.9160

Square

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



114.9890, 7.7010, 9.1170



113.3840, 16.4140, -0.1140



109.8260, -8.6180, -9.0180



110.5340, -19.1190, -0.4230

Rectangle

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



114.9890, 7.7010, 9.1170



114.5570, 17.6050, 5.8370



109.8260, -8.6180, -9.0180



109.3610, -20.3100, -6.3740

Sweetspot

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



114.9890, 7.7010, 9.1170



160.3750, 3.4380, 3.7740



111.1880, -3.1650, 7.8030



80.9510, 1.6960, 2.3040



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



114.9890, 7.7010, 9.1170



145.4890, 12.2850, 14.1490



113.8490, 10.9110, 6.0070



59.6630, 2.5670, 3.0390



48.6460, 47.0770, 55.4370



0.0000, 0.0000, 0.0000

Inverse Universe

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



114.9890, 7.7010, 9.1170



145.4890, 12.2850, 14.1490



121.1510, -10.9110, -6.0070



59.6630, 2.5670, 3.0390



48.6460, 47.0770, 55.4370



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 114.9890, 7.7010, 9.1170 looks on a white 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

Black Background



This preview shows how the YIQ color 114.9890, 7.7010, 9.1170 looks on a black 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

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

YIQ 114.9890, 7.7010, 9.1170

Background



This preview shows how black text looks on a background with the YIQ color 114.9890, 7.7010, 9.1170.

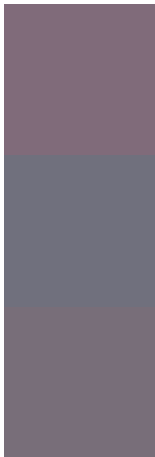


This preview shows how white text looks on a background with the YIQ color 114.9890, 7.7010,

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

114.9890, 7.7010, 9.1170

Protanopia

113.4820, -4.1730, 4.0430

Deuteranopia

114.2440, 2.4290, 5.5410



Tritanopia

114.5930, 8.7560, 6.5160

Trichromacy



Original Color

114.9890, 7.7010, 9.1170

Protanomaly

113.9880, 0.2740, 6.0500

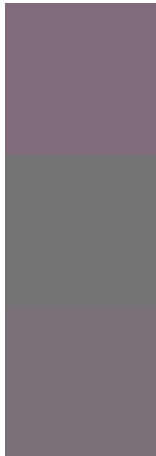
Deuteranomaly

114.5540, 4.4920, 6.7000

Tritanomaly

114.8210, 8.1140, 7.1380

Monochromacy



Original Color

114.9890, 7.7010, 9.1170

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0760, 2.8420, 3.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9890, 7.7010, 9.1170 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(128, 107, 122)` looks like.

```
.text, #text, p{  
    color:rgb(128, 107, 122)  
}
```

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(128, 107, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 107, 122) }
```

Border

The CSS property to change the border of an element to YIQ 114.9890, 7.7010, 9.1170 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(128, 107, 122) }
```


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

```
.border{ border-color:rgb(128, 107, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 107, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 107, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 107, 122);  
box-shadow:4px 4px 4px 4px rgb(128, 107,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9890, 7.7010, 9.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 107, 122) }
```

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

```
.background{ background-color: rgb(128,  
107, 122) }
```

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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