

Converting Colors

YIQ(114.1070, 10.7250, 20.3970)

Have a look what the booklet for
YIQ(114.1070, 10.7250, 20.3970)
contains.

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Color

**YIQ(114.1070, 10.7250,
20.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	896289
RGB	137, 98, 137
RGB Percent	54%, 38%, 54%
CMY	0.4626, 0.6157, 0.4627
CMYK	0.00, 0.28, 0.00, 0.46
HSL	300°, 17%, 46%
HSV	300°, 28%, 54%
XYZ	19.2032, 15.8594, 25.7172
YIQ	114.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

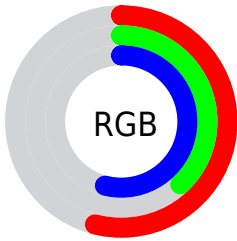
Format	Color
R_{YB}	137, 98, 137
Decimal	9003657
CIE _{Lab}	46.79, 22.75, -15.37
CIE _{LCh}	47, 27.453, 325.953
Yxy	15.8594, 0.3159, 0.2609
Android (android.graphics.Color)	4287193737 (0xFF896289)
YUV	114.1070, 11.2862, 20.0772
Hunter-Lab	39.8239, 16.3812, -10.4111

Details

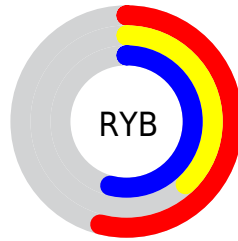
The YIQ color $[114.1070, 10.7250, 20.3970]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[120.8930, -10.7250, -20.3970]$, and the grayscale version is $[114.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[166.2320, 11.8710, 21.6550]$, and $[65.5690, 9.3040, 18.6160]$ is the 20% darker color. If you saturate the color by 10%, you get $[105.8890, 14.5750, 27.7190]$, and if you desaturate by 10%, it is $[122.3250, 6.8750, 13.0750]$.

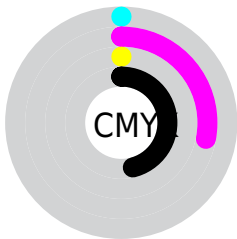
Distribution



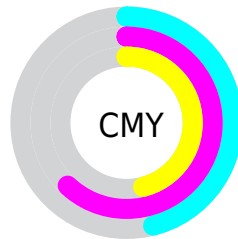
- Red (54%)
- Green (38%)
- Blue (54%)



- Red (54%)
- Yellow (38%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.1070, 10.7250, 20.3970 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 114.1070, 10.7250, 20.3970 by changing the saturation by 10% instead.

■ 114.1070, 10.7250,
20.3970

■ 114.1070, 10.7250,
20.3970

■ 255.0000, -0.0000,
-0.0000

■ 89.3950, 9.8540,
19.6620

■ 166.2320, 11.8710,
21.6550

■ 65.5690, 9.3040,
18.6160

■ 193.6450, 12.1460,
22.1780

■ 42.2700, 8.7080,
18.4040

■ 222.0580, 12.4210,
22.7010

■ 20.8570, 8.4330,
17.8810

■ 241.4990, 6.3250,
12.0290

■ 5.9820, 0.4110,
9.0750

■ 0.0000, 0.0000,
0.0000

■ 114.1070, 10.7250,
20.3970

■ 114.1070, 10.7250,
20.3970

■ 105.8890, 14.5750,
27.7190

■ 122.3250, 6.8750,
13.0750

■ 98.2580, 18.1500,
34.5180

■ 129.9560, 3.3000,
6.2760

■ 90.0400, 22.0000,
41.8400

■ 138.1740, -0.5500,
-1.0460

■ 81.8220, 25.8500,
49.1620

■ 146.3920, -4.4000,
-8.3680

■ 73.6040, 29.7000,
56.4840

■ 154.6100, -8.2500,
-15.6900

■ 65.9730, 33.2750,
63.2830

■ 162.2410,
-11.8250, -22.4890

■ 57.7550, 37.1250,
70.6050


■ 170.4590,
-15.6750, -29.8110

■ 56.5810, 37.6750,

■ 178.6770,

71.6510

-19.5250, -37.1330

 186.3080,
-23.1000, -43.9320

Harmonies

Analogous

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



112.1410, -12.9780, 14.9420



114.1070, 10.7250, 20.3970



113.4480, 28.6980, 19.5620

Triad

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



114.1070, 10.7250, 20.3970



109.3770, 26.3190, -8.9210



91.5060, -66.6150, -20.7190

Complementary

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



114.1070, 10.7250, 20.3970



120.8930, -10.7250, -20.3970

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.



98.7510, -39.5640, -20.8760



114.1070, 10.7250, 20.3970



107.6520, 9.1270, -16.7370

Square

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



114.1070, 10.7250, 20.3970



110.9750, 36.6790, 1.5670



104.2240, -13.1550, -20.4110



96.5810, -62.0320, -10.1600

Rectangle

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



114.1070, 10.7250, 20.3970



112.5210, 35.6220, 15.2220



104.2240, -13.1550, -20.4110



93.6980, -58.4080, -20.7760

Sweetspot

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



114.1070, 10.7250, 20.3970



168.9070, 4.9960, 8.5800



102.4460, -12.5190, 12.1290



83.1300, 2.7500, 5.2300



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



114.1070, 10.7250, 20.3970



143.0790, 17.0960, 31.5920



111.9410, 16.8240, 14.4880



64.8910, 1.9250, 3.6610



54.9290, 36.5750, 69.5590



2.0650, 1.3750, 2.6150

Inverse Universe

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



114.1070, 10.7250, 20.3970



143.0790, 17.0960, 31.5920



123.1730, -17.1450, -14.1770



64.8910, 1.9250, 3.6610



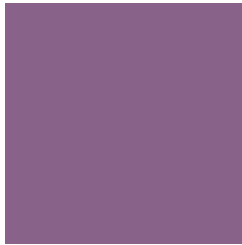
54.9290, 36.5750, 69.5590



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 114.1070, 10.7250, 20.3970 looks on a white background.

Color Contrast Check

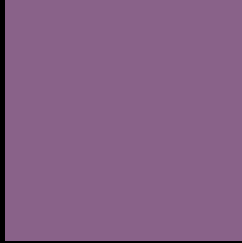
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1070, 10.7250, 20.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

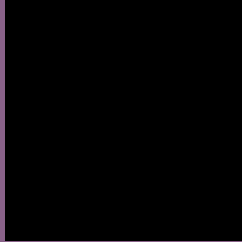
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.1070, 10.7250, 20.3970

Background



This preview shows how black text looks on a background with the YIQ color 114.1070, 10.7250, 20.3970.



This preview shows how white text looks on a background with the YIQ color 114.1070, 10.7250,

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

114.1070, 10.7250, 20.3970

Protanopia

111.7120, -16.3240, 9.5000

Deuteranopia

112.2630, -7.7500, 8.2980



Tritanopia

112.8820, 15.3120, 8.8480

Trichromacy



Original Color

114.1070, 10.7250, 20.3970

Protanomaly

112.9090, -6.5130, 13.4150

Deuteranomaly

113.0190, -1.0110, 12.8210

Tritanomaly

113.0330, 13.5690, 12.9050

Monochromacy



Original Color

114.1070, 10.7250, 20.3970

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1070, 10.7250, 20.3970 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(137, 98, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 98, 137)  
}
```

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(137, 98, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 98, 137) }
```

Border

The CSS property to change the border of an element to YIQ 114.1070, 10.7250, 20.3970 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(137, 98, 137) }
```


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

```
.border{ border-color:rgb(137, 98, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 98, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 98, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 98, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 98,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1070, 10.7250, 20.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 98, 137) }
```

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

```
.background{ background-color: rgb(137, 98,  
137) }
```

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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