

Converting Colors

YIQ(121.0370, 7.7460, 13.8100)

Have a look what the booklet for
YIQ(121.0370, 7.7460, 13.8100)
contains.

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Color

**YIQ(121.0370, 7.7460,
13.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	896E88
RGB	137, 110, 136
RGB Percent	54%, 43%, 53%
CMY	0.4627, 0.5687, 0.4667
CMYK	0.00, 0.20, 0.01, 0.46
HSL	302°, 11%, 48%
HSV	302°, 20%, 54%
XYZ	20.3387, 18.2472, 25.7436
YIQ	121.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

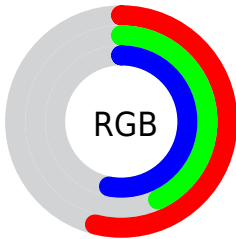
Format	Color
R_{YB}	137, 110, 136
Decimal	9006728
CIE _{Lab}	49.79, 15.47, -10.23
CIE _{LCh}	50, 18.545, 326.515
Yxy	18.2472, 0.3162, 0.2837
Android (android.graphics.Color)	4287196808 (0xFF896E88)
YUV	121.0370, 7.3768, 13.9996
Hunter-Lab	42.7167, 10.2350, -5.8300

Details

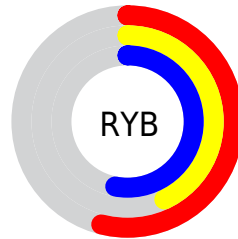
The YIQ color $121.0370, 7.7460, 13.8100$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $125.9630, -7.7460, -13.8100$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $173.7490, 8.6170, 14.5450$, and $72.2110, 7.1960, 12.7640$ is the 20% darker color. If you saturate the color by 10%, you get $112.7050, 11.9170, 20.8210$, and if you desaturate by 10%, it is $129.3690, 3.5750, 6.7990$.

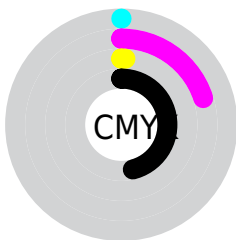
Distribution



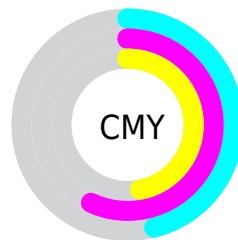
- Red (54%)
- Green (43%)
- Blue (53%)



- Red (54%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (46%)



- Cyan (46%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.0370, 7.7460, 13.8100 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 121.0370, 7.7460, 13.8100 by changing the saturation by 10% instead.

■ 121.0370, 7.7460,
13.8100

■ 121.0370, 7.7460,
13.8100

■ 255.0000, -0.0000,
-0.0000

■ 96.3250, 6.8750,
13.0750

■ 173.7490, 8.6170,
14.5450

■ 72.2110, 7.1960,
12.7640

■ 201.1620, 8.8920,
15.0680

■ 49.4990, 6.3250,
12.0290

■ 229.2760, 8.5710,
15.3790

■ 28.0860, 6.0500,
11.5060

■ 249.1300, 2.7500,
5.2300

■ 8.9720, 6.3710,
11.1950

■ 0.0000, 0.0000,
0.0000

121.0370, 7.7460,
13.8100

121.0370, 7.7460,
13.8100

112.7050, 11.9170,
20.8210

129.3690, 3.5750,
6.7990

105.0740, 15.4920,
27.6200

137.0000, -0.0000,
0.0000

96.7420, 19.6630,
34.6310

145.3320, -4.1710,
-7.0110

88.5240, 23.5130,
41.9530

153.5500, -8.0210,
-14.3330

80.1920, 27.6840,
48.9640

161.8820,
-12.1920, -21.3440

72.5610, 31.2590,
55.7630

169.5130,
-15.7670, -28.1430

64.2290, 35.4300,
62.7740


177.8450,
-19.9380, -35.1540

56.0110, 39.2800,

186.0630,

70.0960

-23.7880, -42.4760

 193.8080,
-27.6840, -48.9640

Harmonies

Analogous

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



119.8440, -7.8880, 10.8000



121.0370, 7.7460, 13.8100



120.8550, 19.9420, 13.0460

Triad

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



121.0370, 7.7460, 13.8100



118.0650, 18.5700, -6.1500



111.4240, -33.7890, -9.8930

Complementary

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



121.0370, 7.7460, 13.8100



125.9630, -7.7460, -13.8100

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.



111.9920, -23.8850, -13.1730



121.0370, 7.7460, 13.8100



116.2590, 6.1000, -11.4360

Square

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



121.0370, 7.7460, 13.8100



119.4020, 25.1710, 0.8750



113.8920, -8.9840, -13.4000



113.4120, -33.5150, -3.8430

Rectangle

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



121.0370, 7.7460, 13.8100



120.4980, 25.2610, 10.2610



113.8920, -8.9840, -13.4000



111.1530, -31.5880, -11.2360

Sweetspot

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



121.0370, 7.7460, 13.8100



172.4290, 3.3460, 5.4420



113.3770, -8.0710, 8.6090



85.4780, 1.6500, 3.1380



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.



121.0370, 7.7460, 13.8100



153.5310, 12.4670, 21.8670



119.5550, 11.9190, 9.7670



64.8910, 1.9250, 3.6610



54.3590, 38.1800, 68.0040



2.0650, 1.3750, 2.6150

Inverse Universe

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



121.0370, 7.7460, 13.8100



153.5310, 12.4670, 21.8670



127.4450, -11.9190, -9.7670



64.8910, 1.9250, 3.6610



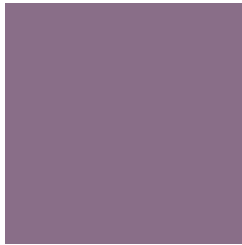
54.3590, 38.1800, 68.0040



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 121.0370, 7.7460, 13.8100 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 121.0370, 7.7460, 13.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

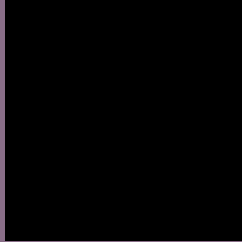
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.0370, 7.7460, 13.8100

Background



This preview shows how black text looks on a background with the YIQ color 121.0370, 7.7460, 13.8100.



This preview shows how white text looks on a background with the YIQ color 121.0370, 7.7460,

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

121.0370, 7.7460, 13.8100

Protanopia

119.4260, -9.7670, 6.3050

Deuteranopia

119.9600, -2.5230, 7.1810



Tritanopia

120.4900, 10.5440, 7.1520

Trichromacy



Original Color

121.0370, 7.7460, 13.8100

Protanomaly

119.8290, -3.5320, 8.9480

Deuteranomaly

120.2810, 1.0070, 9.2870

Tritanomaly

120.7720, 9.8100, 9.4420

Monochromacy



Original Color

121.0370, 7.7460, 13.8100

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0160, 3.0710, 4.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.0370, 7.7460, 13.8100 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, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(137, 110, 136)  
}
```

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, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 110, 136) }
```

Border

The CSS property to change the border of an element to YIQ 121.0370, 7.7460, 13.8100 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, 110, 136) }
```


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

```
.border{ border-color:rgb(137, 110, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 110, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 110, 136);  
box-shadow:4px 4px 4px 4px rgb(137, 110,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 121.0370, 7.7460, 13.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 110, 136) }
```

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

```
.background{ background-color: rgb(137,  
110, 136) }
```

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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