

Converting Colors

YIQ(110.8780, 21.1350, 7.9430)

Have a look what the booklet for
YIQ(110.8780, 21.1350, 7.9430)
contains.

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Color

**YIQ(110.8780, 21.1350,
7.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	886465
RGB	136, 100, 101
RGB Percent	53%, 39%, 40%
CMY	0.4666, 0.6079, 0.6038
CMYK	0.00, 0.26, 0.26, 0.47
HSL	358°, 15%, 46%
HSV	358°, 26%, 53%
XYZ	17.0626, 15.2875, 14.3689
YIQ	110.8780, 21.1350, 7.9430

Conversions

Conversions Part 2

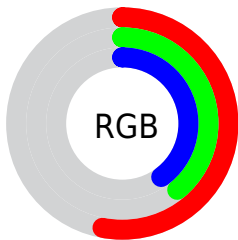
Format	Color
R_{YB}	136, 100, 101
Decimal	8938597
CIE _{Lab}	46.03, 14.71, 5.12
CIE _{LCh}	46, 15.572, 19.182
Yxy	15.2875, 0.3652, 0.3272
Android (android.graphics.Color)	4287128677 (0xFF886465)
YUV	110.8780, -4.8699, 22.0320
Hunter-Lab	39.0993, 9.4724, 5.5806

Details

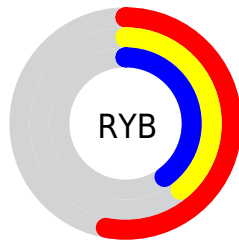
The YIQ color **110.8780, 21.1350, 7.9430** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.1220, -21.1350, -7.9430**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7750, 22.9230, 8.5790**, and **62.6820, 18.7510, 7.0950** is the 20% darker color. If you saturate the color by 10%, you get **101.1780, 29.1580, 11.2220**, and if you desaturate by 10%, it is **120.5780, 13.1120, 4.6640**.

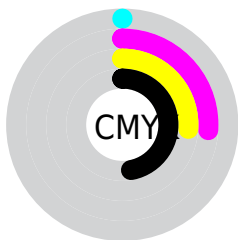
Distribution



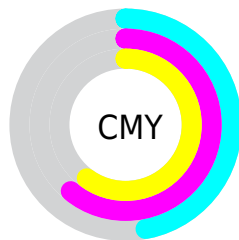
- Red (53%)
- Green (39%)
- Blue (40%)



- Red (53%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (26%)
- Black (47%)



- Cyan (47%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.8780, 21.1350, 7.9430 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 110.8780, 21.1350, 7.9430 by changing the saturation by 10% instead.

■ 110.8780, 21.1350,
7.9430

■ 110.8780, 21.1350,
7.9430

255.0000, -0.0000,
-0.0000

■ 86.2800, 19.9430,
7.5190

■ 162.7750, 22.9230,
8.5790

■ 62.6820, 18.7510,
7.0950

■ 190.0740, 23.5190,
8.7910

■ 40.1980, 17.2380,
6.9820

■ 217.6720, 24.7110,
9.2150

■ 18.6710, 17.2840,
6.1480

■ 240.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 110.8780, 21.1350,

■ 110.8780, 21.1350,

7.9430

7.9430

■ 101.1780, 29.1580,
11.2220

■ 120.5780, 13.1120,
4.6640

■ 92.0650, 36.9060,
13.9780

■ 129.6910, 5.3640,
1.9080

■ 82.2510, 45.2500,
16.9460

■ 139.5050, -2.9800,
-1.0600

■ 73.1380, 52.9980,
19.7020

■ 148.6180,
-10.7280, -3.8160

■ 63.4380, 61.0210,
22.9810

■ 158.3180,
-18.7510, -7.0950

■ 53.7380, 69.0440,
26.2600

■ 168.0180,
-26.7740, -10.3740

■ 44.6250, 76.7920,
29.0160

■ 177.2450,
-34.8430, -12.8190

■ 41.1200, 79.7720,
30.0760

■ 186.9450,
-42.8660, -16.0980

■ 196.0580,
-50.6140, -18.8540

Harmonies

Analogous

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



111.1640, 14.5780, 11.1380



110.8780, 21.1350, 7.9430



109.9010, 22.3280, 2.8400

Triad

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



110.8780, 21.1350, 7.9430



105.8110, -4.2620, -10.8700



107.3320, -21.3660, 1.7540

Complementary

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



110.8780, 21.1350, 7.9430



125.1220, -21.1350, -7.9430

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.



104.5220, -28.0130, -4.4370



110.8780, 21.1350, 7.9430



104.1670, -17.0080, -11.1520

Square

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



110.8780, 21.1350, 7.9430



107.6230, 8.0710, -8.6090



103.2570, -25.9490, -8.8050



109.3660, -9.5380, 7.6620

Rectangle

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



110.8780, 21.1350, 7.9430



109.2980, 19.5320, -1.5560



103.2570, -25.9490, -8.8050



106.3100, -24.3000, -0.1400

Sweetspot

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



110.8780, 21.1350, 7.9430



166.1860, 8.3440, 2.9680



114.5690, 9.3040, 18.6160



82.8050, 5.0430, 2.2190



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.



110.8780, 21.1350, 7.9430



136.8580, 33.0550, 12.1830



120.7430, 16.7810, -1.2590



64.0930, 4.1720, 1.4840



40.2230, 77.9840, 29.4400



1.4950, 2.9800, 1.0600

Inverse Universe

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



110.8780, 21.1350, 7.9430



136.8580, 33.0550, 12.1830



115.2570, -16.7810, 1.2590



64.0930, 4.1720, 1.4840



40.2230, 77.9840, 29.4400



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 110.8780, 21.1350, 7.9430 looks on a white background.

Color Contrast Check

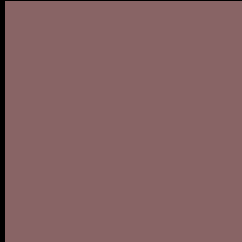
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.8780, 21.1350, 7.9430 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 110.8780, 21.1350, 7.9430

Background



This preview shows how black text looks on a background with the YIQ color 110.8780, 21.1350, 7.9430.



This preview shows how white text looks on a background with the YIQ color 110.8780, 21.1350,

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

110.8780, 21.1350, 7.9430

Protanopia

109.5550, 2.7510, -0.2970

Deuteranopia

109.8120, 12.3330, 2.2610



Tritanopia

111.2740, 20.0800, 10.5440

Trichromacy



Original Color

110.8780, 21.1350, 7.9430

Protanomaly

110.2570, 9.5820, 2.5580

Deuteranomaly

110.1330, 15.8630, 4.3670

Tritanomaly

111.0460, 20.7220, 9.9220

Monochromacy



Original Color

110.8780, 21.1350, 7.9430

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8780, 21.1350, 7.9430 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(136, 100, 101)` looks like.

```
.text, #text, p{  
    color:rgb(136, 100, 101)  
}
```

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(136, 100, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 100, 101) }
```

Border

The CSS property to change the border of an element to YIQ 110.8780, 21.1350, 7.9430 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(136, 100, 101) }
```


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

```
.border{ border-color:rgb(136, 100, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 100, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 100, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 100, 101);  
box-shadow:4px 4px 4px 4px rgb(136, 100,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8780, 21.1350, 7.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 100, 101) }
```

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

```
.background{ background-color: rgb(136,  
100, 101) }
```

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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