

Converting Colors

YIQ(112.6200, 13.2940, 12.3820)

Have a look what the booklet for
YIQ(112.6200, 13.2940, 12.3820)
contains.

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Color

**YIQ(112.6200, 13.2940,
12.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	856577
RGB	133, 101, 119
RGB Percent	52%, 40%, 47%
CMY	0.4783, 0.6040, 0.5333
CMYK	0.00, 0.24, 0.11, 0.48
HSL	326°, 14%, 46%
HSV	326°, 24%, 52%
XYZ	17.6591, 15.6253, 19.5411
YIQ	112.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

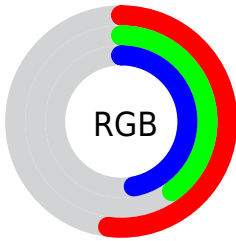
Format	Color
R_{YB}	133, 101, 119
Decimal	8742263
CIE _{Lab}	46.48, 16.00, -5.09
CIE _{LCh}	46, 16.792, 342.352
Yxy	15.6253, 0.3343, 0.2958
Android (android.graphics.Color)	4286932343 (0xFF856577)
YUV	112.6200, 3.1453, 17.8733
Hunter-Lab	39.5288, 10.5678, -1.6399

Details

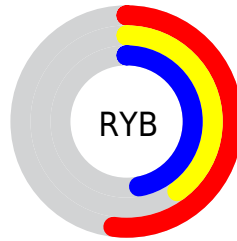
The YIQ color **112.6200, 13.2940, 12.3820** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **121.3800, -13.2940, -12.3820**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3320, 14.1650, 13.1170**, and **64.6090, 11.8270, 11.4350** is the 20% darker color. If you saturate the color by 10%, you get **104.3050, 18.7950, 17.3150**, and if you desaturate by 10%, it is **120.9350, 7.7930, 7.4490**.

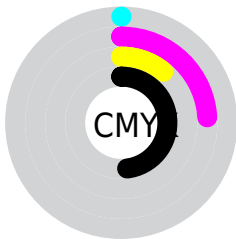
Distribution



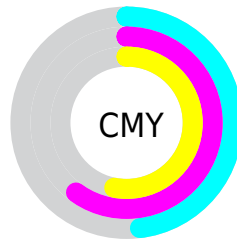
- Red (52%)
- Green (40%)
- Blue (47%)



- Red (52%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.6200, 13.2940, 12.3820 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 112.6200, 13.2940, 12.3820 by changing the saturation by 10% instead.

■ 112.6200, 13.2940,
12.3820

■ 112.6200, 13.2940,
12.3820

■ 255.0000, -0.0000,
-0.0000

■ 88.2070, 13.0190,
11.8590

■ 164.6310, 14.7610,
13.3290

■ 64.6090, 11.8270,
11.4350

■ 191.6310, 14.7610,
13.3290

■ 41.8970, 10.9560,
10.7000

■ 219.9300, 15.3570,
13.5410

■ 20.5980, 10.3600,
10.4880

■ 243.2600, 5.5000,
10.4600

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 112.6200, 13.2940,
12.3820

■ 112.6200, 13.2940,
12.3820

■ 104.3050, 18.7950,
17.3150

■ 120.9350, 7.7930,
7.4490

■ 95.4030, 24.5710,
22.7710

■ 129.8370, 2.0170,
1.9930

■ 87.2020, 29.7510,
28.0150

■ 138.0380, -3.1630,
-3.2510

■ 78.8870, 35.2520,
32.9480

■ 146.3530, -8.6640,
-8.1840

■ 69.9850, 41.0280,
38.4040

■ 155.2550,
-14.4400, -13.6400

■ 61.6700, 46.5290,
43.3370

■ 163.5700,
-19.9410, -18.5730

■ 53.3550, 52.0300,
48.2700


■ 171.8850,
-25.4420, -23.5060

■ 48.3170, 55.1930,

■ 180.2000,

51.5210

-30.9430, -28.4390

 188.9880,
-36.3980, -34.2060

Harmonies

Analogous

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



112.4490, 0.5940, 11.2660



112.6200, 13.2940, 12.3820



112.2310, 21.6390, 9.8230

Triad

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



112.6200, 13.2940, 12.3820



109.0040, 11.3720, -7.8600



104.6140, -31.2680, -6.0200

Complementary

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



112.6200, 13.2940, 12.3820



121.3800, -13.2940, -12.3820

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.



104.0180, -26.7740, -10.3740



112.6200, 13.2940, 12.3820



107.2520, -1.1900, -11.4780

Square

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



112.6200, 13.2940, 12.3820



110.0700, 20.1740, -2.1780



105.0100, -15.1280, -12.1840



107.3530, -25.8590, 0.5810

Rectangle

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



112.6200, 13.2940, 12.3820



111.4930, 23.6570, 6.2890



105.0100, -15.1280, -12.1840



104.4460, -30.8550, -7.9990

Sweetspot

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



112.6200, 13.2940, 12.3820



165.3860, 4.9050, 4.7210



108.8340, -1.9280, 12.9200



82.5490, 2.8880, 2.7280



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



112.6200, 13.2940, 12.3820



141.1420, 20.8120, 19.3080



110.7960, 18.4300, 7.4060



62.1360, 2.6130, 2.2050



47.1920, 54.0470, 50.2630



1.0110, 1.4670, 0.9470

Inverse Universe

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



112.6200, 13.2940, 12.3820



141.1420, 20.8120, 19.3080



123.2040, -18.4300, -7.4060



62.1360, 2.6130, 2.2050



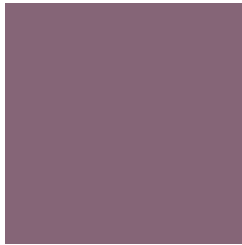
47.1920, 54.0470, 50.2630



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 112.6200, 13.2940, 12.3820 looks on a white background.

Color Contrast Check

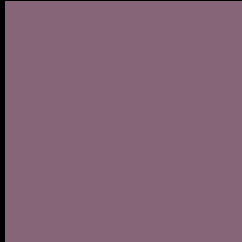
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6200, 13.2940, 12.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

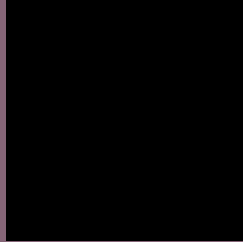
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.6200, 13.2940, 12.3820

Background



This preview shows how black text looks on a background with the YIQ color 112.6200, 13.2940, 12.3820.



This preview shows how white text looks on a background with the YIQ color 112.6200, 13.2940,

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

112.6200, 13.2940, 12.3820

Protanopia

110.9980, -5.6860, 3.9300

Deuteranopia

111.5430, 3.0250, 5.7530



Tritanopia

111.8820, 15.3120, 8.8480

Trichromacy



Original Color

112.6200, 13.2940, 12.3820

Protanomaly

111.7000, 1.1450, 6.7850

Deuteranomaly

111.8640, 6.5550, 7.8590

Tritanomaly

112.2240, 14.3490, 9.7810

Monochromacy



Original Color

112.6200, 13.2940, 12.3820

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9730, 4.6300, 4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6200, 13.2940, 12.3820 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(133, 101, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 101, 119)  
}
```

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(133, 101, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 101, 119) }
```

Border

The CSS property to change the border of an element to YIQ 112.6200, 13.2940, 12.3820 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(133, 101, 119) }
```


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

```
.border{ border-color:rgb(133, 101, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 101, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 101, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 101, 119);  
box-shadow:4px 4px 4px 4px rgb(133, 101,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6200, 13.2940, 12.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 101, 119) }
```

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

```
.background{ background-color: rgb(133,  
101, 119) }
```

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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