

Converting Colors

YIQ(100.6310, 14.7610, 13.3290)

Have a look what the booklet for
YIQ(100.6310, 14.7610, 13.3290)
contains.

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Color

**YIQ(100.6310, 14.7610,
13.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	7B586B
RGB	123, 88, 107
RGB Percent	48%, 35%, 42%
CMY	0.5175, 0.6549, 0.5803
CMYK	0.00, 0.28, 0.13, 0.52
HSL	327°, 17%, 41%
HSV	327°, 28%, 48%
XYZ	14.3148, 12.2516, 15.5233
YIQ	100.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

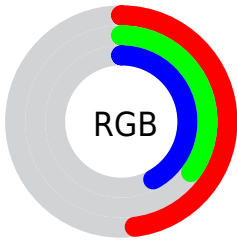
Format	Color
R_{YB}	123, 88, 107
Decimal	8083563
CIE _{Lab}	41.61, 17.69, -5.15
CIE _{LCh}	42, 18.424, 343.774
Yxy	12.2516, 0.3401, 0.2911
Android (android.graphics.Color)	4286273643 (0xFF7B586B)
YUV	100.6310, 3.1399, 19.6176
Hunter-Lab	35.0022, 11.7470, -1.7933

Details

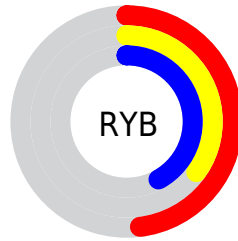
The YIQ color **100.6310, 14.7610, 13.3290** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110.3690, -14.7610, -13.3290**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6420, 16.2280, 14.2760**, and **53.3210, 12.6980, 12.1700** is the 20% darker color. If you saturate the color by 10%, you get **92.9030, 19.9870, 17.7390**, and if you desaturate by 10%, it is **108.3590, 9.5350, 8.9190**.

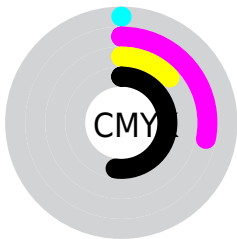
Distribution



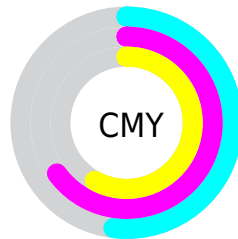
- Red (48%)
- Green (35%)
- Blue (42%)



- Red (48%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.6310, 14.7610, 13.3290 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 100.6310, 14.7610, 13.3290 by changing the saturation by 10% instead.

■ 100.6310, 14.7610,
13.3290

■ 100.6310, 14.7610,
13.3290

■ 255.0000, -0.0000,
-0.0000

■ 76.3320, 14.1650,
13.1170

■ 151.6420, 16.2280,
14.2760

■ 53.6200, 13.2940,
12.3820

■ 178.9410, 16.8240,
14.4880

■ 31.6090, 11.8270,
11.4350

■ 206.3540, 17.0990,
15.0110

■ 11.3210, 12.6980,
12.1700

■ 232.8590, 14.1190,
13.9510

■ 0.0000, 0.0000,
0.0000

■ 250.8910, 1.9250,
3.6610

100.6310, 14.7610,
13.3290

100.6310, 14.7610,
13.3290

92.9030, 19.9870,
17.7390

108.3590, 9.5350,
8.9190

84.7020, 25.1670,
22.9830

116.5600, 4.3550,
3.6750

76.9740, 30.3930,
27.3930

124.2880, -0.8710,
-0.7350

69.3600, 35.2980,
32.1140

132.0160, -6.0970,
-5.1450

61.0450, 40.7990,
37.0470

140.2170,
-11.2770, -10.3890

53.3170, 46.0250,
41.4570

147.9450,
-16.5030, -14.7990

45.7030, 50.9300,
46.1780


155.5590,
-21.4080, -19.5200

44.4150, 51.8010,

163.2870,

46.9130

-26.6340, -23.9300

 171.6020,
-32.1350, -28.8630

Harmonies

Analogous

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



100.2750, 1.1440, 12.3120



100.6310, 14.7610, 13.3290



100.1280, 23.4270, 10.4590

Triad

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



100.6310, 14.7610, 13.3290



96.4770, 11.4180, -8.6940



91.0480, -35.4860, -6.6700

Complementary

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



100.6310, 14.7610, 13.3290



110.3690, -14.7610, -13.3290

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.



90.9250, -30.9460, -11.8580



100.6310, 14.7610, 13.3290



95.1270, -2.3360, -12.7360

Square

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



100.6310, 14.7610, 13.3290



97.7280, 21.1370, -3.1110



92.7000, -17.1910, -13.3430



94.6840, -28.2890, 0.5670

Rectangle

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



100.6310, 14.7610, 13.3290



99.8630, 25.4910, 6.0910



92.7000, -17.1910, -13.3430



90.7660, -34.7520, -8.9600

Sweetspot

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



100.6310, 14.7610, 13.3290



151.3970, 6.3720, 5.6680



96.7740, -1.6990, 14.2770



76.1470, 4.0800, 3.1520



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



100.6310, 14.7610, 13.3290



125.8650, 23.1500, 20.9900



98.6930, 20.2180, 8.0420



57.1360, 2.6130, 2.2050



45.1270, 52.6720, 47.6480



90.9660, 106.2150, 96.0310

Inverse Universe

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



100.6310, 14.7610, 13.3290



125.8650, 23.1500, 20.9900



112.3070, -20.2180, -8.0420



57.1360, 2.6130, 2.2050



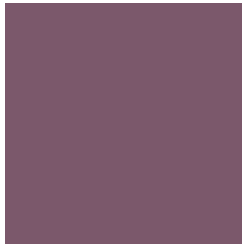
45.1270, 52.6720, 47.6480



90.9660, 106.2150, 96.0310

Previews

White Background



This preview shows how the YIQ color 100.6310, 14.7610, 13.3290 looks on a white background.

Color Contrast Check

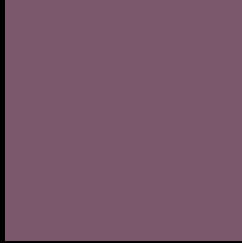
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.6310, 14.7610, 13.3290 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 100.6310, 14.7610, 13.3290

Background



This preview shows how black text looks on a background with the YIQ color 100.6310, 14.7610, 13.3290.



This preview shows how white text looks on a background with the YIQ color 100.6310, 14.7610,

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

100.6310, 14.7610, 13.3290

Protanopia

99.1120, -6.0070, 4.2410

Deuteranopia

99.8310, 2.1540, 5.0180



Tritanopia

100.3660, 16.8250, 8.9610

Trichromacy



Original Color

100.6310, 14.7610, 13.3290

Protanomaly

99.5260, 1.6950, 7.8310

Deuteranomaly

100.1630, 7.1510, 8.0710

Tritanomaly

100.2350, 15.8160, 10.7280

Monochromacy



Original Color

100.6310, 14.7610, 13.3290

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.6850, 5.5010, 4.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.6310, 14.7610, 13.3290 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(123, 88, 107)` looks like.

```
.text, #text, p{  
    color:rgb(123, 88, 107)  
}
```

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(123, 88, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 88, 107) }
```

Border

The CSS property to change the border of an element to YIQ 100.6310, 14.7610, 13.3290 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(123, 88, 107) }
```


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

```
.border{ border-color:rgb(123, 88, 107) }
```

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

Here you see how a box with a 4 pixel rgb(123, 88, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 88, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 88, 107);  
box-shadow:4px 4px 4px 4px rgb(123, 88,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 100.6310, 14.7610, 13.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 88, 107) }
```

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

```
.background{ background-color: rgb(123, 88,  
107) }
```

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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