

Converting Colors

YIQ(119.3350, 10.0830, 21.0190)

Have a look what the booklet for
YIQ(119.3350, 10.0830, 21.0190)
contains.

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Color

**YIQ(119.3350, 10.0830,
21.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6790
RGB	142, 103, 144
RGB Percent	56%, 40%, 56%
CMY	0.4430, 0.5961, 0.4353
CMYK	0.01, 0.28, 0.00, 0.44
HSL	297°, 17%, 48%
HSV	297°, 28%, 56%
XYZ	21.0433, 17.4644, 28.6483
YIQ	119.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

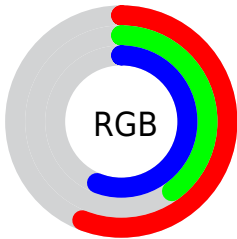
Format	Color
R_{YB}	142, 103, 144
Decimal	9332624
CIE _{Lab}	48.84, 23.00, -16.36
CIE _{LCh}	49, 28.225, 324.565
Yxy	17.4644, 0.3134, 0.2601
Android (android.graphics.Color)	4287522704 (0xFF8E6790)
YUV	119.3350, 12.1598, 19.8772
Hunter-Lab	41.7904, 16.7495, -11.3913

Details

The YIQ color **119.3350, 10.0830, 21.0190** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.6650, -10.0830, -21.0190**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1610, 10.6330, 22.0650**, and **70.2100, 8.9370, 19.7610** is the 20% darker color. If you saturate the color by 10%, you get **110.8180, 13.3370, 28.1290**, and if you desaturate by 10%, it is **127.8520, 6.8290, 13.9090**.

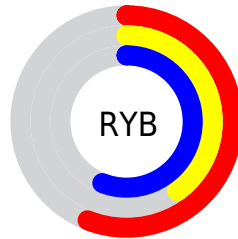
Distribution



Red (56%)

Green (40%)

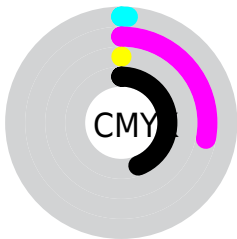
Blue (56%)



Red (56%)

Yellow (40%)

Blue (56%)

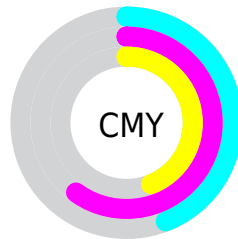


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3350, 10.0830, 21.0190 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 119.3350, 10.0830, 21.0190 by changing the saturation by 10% instead.

■ 119.3350, 10.0830,
21.0190

■ 119.3350, 10.0830,
21.0190

■ 255.0000, -0.0000,
-0.0000

■ 94.5090, 9.5330,
19.9730

■ 172.1610, 10.6330,
22.0650

■ 70.2100, 8.9370,
19.7610

■ 199.5740, 10.9080,
22.5880

■ 47.3840, 8.3870,
18.7150

■ 227.4000, 11.4580,
23.6340

■ 24.9710, 8.1120,
18.1920

■ 245.0210, 4.6750,
8.8910

■ 10.2540, 5.6370,
13.4850

■ 0.0000, 0.0000,
0.0000

■ 119.3350, 10.0830,
21.0190

■ 119.3350, 10.0830,
21.0190

■ 110.8180, 13.3370,
28.1290

■ 127.8520, 6.8290,
13.9090

■ 102.0130, 17.4620,
35.9740

■ 136.6570, 2.7040,
6.0640

■ 93.4960, 20.7160,
43.0840

■ 145.1740, -0.5500,
-1.0460

■ 84.3920, 24.2450,
50.7170

■ 154.2780, -4.0790,
-8.6790

■ 76.1740, 28.0950,
58.0390

■ 162.4960, -7.9290,
-16.0010

■ 67.6570, 31.3490,
65.1490

■ 171.0130,
-11.1830, -23.1110

■ 58.5530, 34.8780,
72.7820


■ 180.1170,
-14.7120, -30.7440

■ 57.3790, 35.4280,

■ 188.6340,

73.8280

-17.9660, -37.8540

 197.4390,
-22.0910, -45.6990

Harmonies

Analogous

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



117.0700, -14.2160, 15.3520



119.3350, 10.0830, 21.0190



118.8610, 28.9730, 20.0850

Triad

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



119.3350, 10.0830, 21.0190



114.7470, 28.1530, -9.1190



96.7940, -67.4860, -21.4540

Complementary

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



119.3350, 10.0830, 21.0190



127.6650, -10.0830, -21.0190

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.



103.9250, -40.1140, -21.9220



119.3350, 10.0830, 21.0190



112.7230, 10.3650, -17.1470

Square

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



119.3350, 10.0830, 21.0190



116.5730, 37.8710, 1.9910



109.1100, -12.8340, -20.7220



101.0860, -65.0120, -11.2200

Rectangle

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



119.3350, 10.0830, 21.0190



118.2330, 36.4930, 15.9570



109.1100, -12.8340, -20.7220



98.8720, -58.9580, -21.8220

Sweetspot

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



119.3350, 10.0830, 21.0190



175.7220, 4.0790, 8.6790



108.8480, -13.7110, 11.7050



88.1300, 2.7500, 5.2300



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.3350, 10.0830, 21.0190



148.1220, 15.5370, 32.3130



117.8810, 17.0530, 15.8450



66.8910, 1.9250, 3.6610



53.9610, 33.5490, 69.3330



3.0050, 1.6040, 3.9720

Inverse Universe

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



115.4870, 23.7940, 9.3140



142.1790, 36.5850, 14.2890



129.1190, -17.0530, -15.8450



66.2070, 3.8510, 1.7950



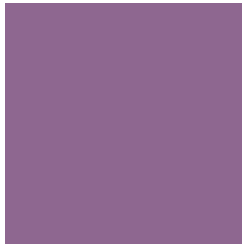
41.0490, 78.5340, 30.4860



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 119.3350, 10.0830, 21.0190 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 119.3350, 10.0830, 21.0190 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 119.3350, 10.0830, 21.0190

Background



This preview shows how black text looks on a background with the YIQ color 119.3350, 10.0830, 21.0190.



This preview shows how white text looks on a background with the YIQ color 119.3350, 10.0830,

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

119.3350, 10.0830, 21.0190

Protanopia

116.6410, -17.5620, 9.9100

Deuteranopia

117.4910, -8.3920, 8.9200



Tritanopia

117.9960, 14.9910, 9.1590

Trichromacy



Original Color

119.3350, 10.0830, 21.0190

Protanomaly

117.8380, -7.7510, 13.8250

Deuteranomaly

118.2470, -1.6530, 13.4430

Tritanomaly

118.2610, 12.9270, 13.5270

Monochromacy



Original Color

119.3350, 10.0830, 21.0190

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3350, 10.0830, 21.0190 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(142, 103, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 103, 144)  
}
```

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(142, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 103, 144) }
```

Border

The CSS property to change the border of an element to YIQ 119.3350, 10.0830, 21.0190 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(142, 103, 144) }
```


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

```
.border{ border-color:rgb(142, 103, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 103, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 103,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3350, 10.0830, 21.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 103, 144) }
```

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

```
.background{ background-color: rgb(142,  
103, 144) }
```

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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