

Converting Colors

YIQ(123.4330, 6.6910, 16.4110)

Have a look what the booklet for
YIQ(123.4330, 6.6910, 16.4110)
contains.

YIQ(123.4330, 6.6910, 16.4110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(123.4330, 6.6910,
16.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6F90
RGB	140, 111, 144
RGB Percent	55%, 44%, 56%
CMY	0.4509, 0.5647, 0.4353
CMYK	0.03, 0.23, 0.00, 0.44
HSL	293°, 13%, 50%
HSV	293°, 23%, 56%
XYZ	21.5362, 18.9573, 28.9097
YIQ	123.4330, 6.6910, 16.4110

Conversions

Conversions Part 2

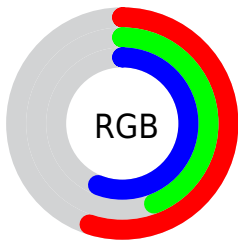
Format	Color
R_{YB}	140, 111, 144
Decimal	9203600
CIE _{Lab}	50.64, 17.59, -13.65
CIE _{LCh}	51, 22.270, 322.185
Yxy	18.9573, 0.3103, 0.2731
Android (android.graphics.Color)	4287393680 (0xFF8C6F90)
YUV	123.4330, 10.1395, 14.5293
Hunter-Lab	43.5400, 12.0968, -8.8894

Details

The YIQ color **123.4330, 6.6910, 16.4110** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.5670, -6.6910, -16.4110**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.2590, 7.2410, 17.4570**, and **74.3080, 5.5450, 15.1530** is the 20% darker color. If you saturate the color by 10%, you get **114.6170, 9.3490, 23.3090**, and if you desaturate by 10%, it is **132.2490, 4.0330, 9.5130**.

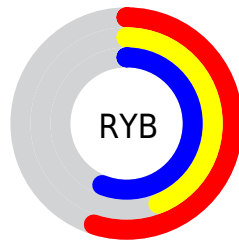
Distribution



Red (55%)

Green (44%)

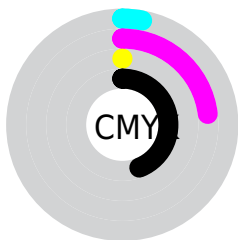
Blue (56%)



Red (55%)

Yellow (44%)

Blue (56%)

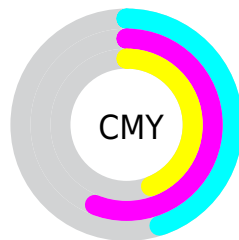


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (44%)



Cyan (45%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.4330, 6.6910, 16.4110 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 123.4330, 6.6910, 16.4110 by changing the saturation by 10% instead.

■ 123.4330, 6.6910,
16.4110

■ 123.4330, 6.6910,
16.4110

■ 255.0000, -0.0000,
-0.0000

■ 98.0200, 6.4160,
15.8880

■ 176.2590, 7.2410,
17.4570

■ 74.6070, 6.1410,
15.3650

■ 203.6720, 7.5160,
17.9800

■ 51.7810, 5.5910,
14.3190

■ 232.0850, 7.7910,
18.5030

■ 29.9550, 5.0410,
13.2730

■ 249.7170, 2.4750,
4.7070

■ 10.5530, 6.2330,
13.6970

■ 0.0000, 0.0000,
0.0000

123.4330, 6.6910,
16.4110

123.4330, 6.6910,
16.4110

114.6170, 9.3490,
23.3090

132.2490, 4.0330,
9.5130

105.5130, 12.8780,
30.9420

141.3530, 0.5040,
1.8800

96.6970, 15.5360,
37.8400

150.1690, -2.1540,
-5.0180

87.2940, 18.4690,
45.2610

159.5720, -5.0870,
-12.4390

78.4780, 21.1270,
52.1590

168.3880, -7.7450,
-19.3370

69.9610, 24.3810,
59.2690

176.9050,
-10.9990, -26.4470

60.5580, 27.3140,
66.6900


186.3080,
-13.9320, -33.8680

54.3890, 29.4680,

195.1240,

71.7080

-16.5900, -40.7660

 204.5270,
-19.5230, -48.1870

Harmonies

Analogous

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



121.4460, -12.5190, 12.1290



123.4330, 6.6910, 16.4110



123.5180, 22.5090, 16.0850

Triad

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



123.4330, 6.6910, 16.4110



120.2890, 23.7510, -6.4330



110.7110, -42.0870, -13.6950

Complementary

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



123.4330, 6.6910, 16.4110



131.5670, -6.6910, -16.4110

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.



112.7310, -27.6440, -16.6360



123.4330, 6.6910, 16.4110



118.0590, 9.5390, -13.1890

Square

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



123.4330, 6.6910, 16.4110



121.2780, 31.4520, 2.6840



115.4960, -7.9290, -16.0010



112.8560, -43.6930, -6.6130

Rectangle

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



123.4330, 6.6910, 16.4110



123.2320, 29.0660, 12.8900



115.4960, -7.9290, -16.0010



110.9240, -38.3730, -14.9250

Sweetspot

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



123.4330, 6.6910, 16.4110



178.0700, 2.9790, 6.5870



117.1100, -11.6930, 8.1710



89.5920, 1.3290, 3.4490



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.



123.4330, 6.6910, 16.4110



153.6820, 10.7240, 25.9240



123.2610, 12.9270, 13.5270



66.8910, 1.9250, 3.6610



50.9710, 27.5890, 67.2130



3.0050, 1.6040, 3.9720

Inverse Universe

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



121.3230, 18.3840, 8.2400



150.2320, 29.0660, 12.8900



131.7390, -12.9270, -13.5270



66.2070, 3.8510, 1.7950



42.1890, 75.3240, 33.5960



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 123.4330, 6.6910, 16.4110 looks on a white background.

Color Contrast Check

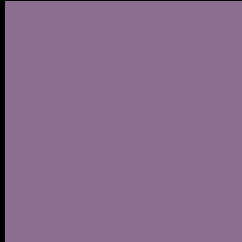
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 123.4330, 6.6910, 16.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

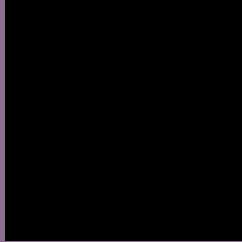
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.4330, 6.6910, 16.4110

Background



This preview shows how black text looks on a background with the YIQ color 123.4330, 6.6910, 16.4110.



This preview shows how white text looks on a background with the YIQ color 123.4330, 6.6910,

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

123.4330, 6.6910, 16.4110

Protanopia

121.6260, -13.2060, 8.0580

Deuteranopia

122.0460, -5.6410, 8.6230



Tritanopia

122.6040, 10.2230, 7.4630

Trichromacy



Original Color

123.4330, 6.6910, 16.4110

Protanomaly

122.3280, -6.3750, 10.9130

Deuteranomaly

122.3780, -0.6440, 11.6760

Tritanomaly

123.1140, 8.8470, 10.3750

Monochromacy



Original Color

123.4330, 6.6910, 16.4110

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.3580, 2.1080, 5.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4330, 6.6910, 16.4110 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(140, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 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(140, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 144) }
```

Border

The CSS property to change the border of an element to YIQ 123.4330, 6.6910, 16.4110 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(140, 111, 144) }
```


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

```
.border{ border-color:rgb(140, 111, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 144);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4330, 6.6910, 16.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 144) }
```

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

```
.background{ background-color: rgb(140,  
111, 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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