

Converting Colors

YIQ(121.5100, 16.9600, 23.0400)

Have a look what the booklet for
YIQ(121.5100, 16.9600, 23.0400)
contains.

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Color

**YIQ(121.5100, 16.9600,
23.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	98668E
RGB	152, 102, 142
RGB Percent	60%, 40%, 56%
CMY	0.4038, 0.6001, 0.4431
CMYK	0.00, 0.33, 0.07, 0.40
HSL	312°, 20%, 50%
HSV	312°, 33%, 60%
XYZ	22.5883, 18.1308, 27.9039
YIQ	121.5100, 16.9600, 23.0400

Conversions

Conversions Part 2

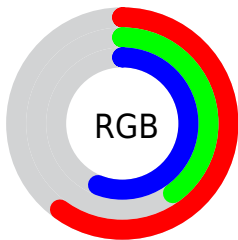
Format	Color
RYB	152, 102, 142
Decimal	9987726
CIELab	49.65, 26.71, -13.84
CIELCh	50, 30.086, 332.612
Yxy	18.1308, 0.3292, 0.2642
Android (android.graphics.Color)	4288177806 (0xFF98668E)
YUV	121.5100, 10.1016, 26.7397
Hunter-Lab	42.5803, 20.1761, -9.0479

Details

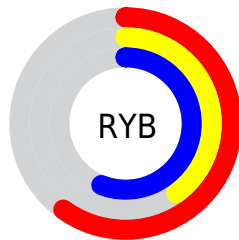
The YIQ color **121.5100, 16.9600, 23.0400** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.4900, -16.9600, -23.0400**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.6350, 18.1060, 24.2980**, and **72.0860, 15.2180, 21.5700** is the 20% darker color. If you saturate the color by 10%, you get **112.3630, 22.0480, 29.9520**, and if you desaturate by 10%, it is **130.6570, 11.8720, 16.1280**.

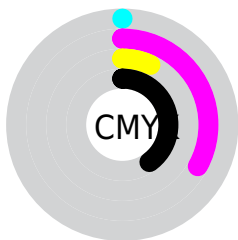
Distribution



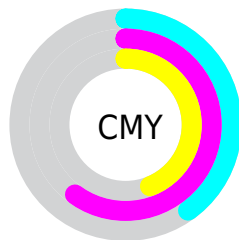
- Red (60%)
- Green (40%)
- Blue (56%)



- Red (60%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (7%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5100, 16.9600, 23.0400 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 121.5100, 16.9600, 23.0400 by changing the saturation by 10% instead.

121.5100, 16.9600,
23.0400

121.5100, 16.9600,
23.0400

255.0000, -0.0000,
-0.0000

96.0970, 16.6850,
22.5170

174.6350, 18.1060,
24.2980

72.0860, 15.2180,
21.5700

202.3470, 18.9770,
25.0330

48.3740, 14.3470,
20.8350

227.6560, 13.6130,
23.1250

25.4880, 14.0260,
21.1460

244.4340, 4.9500,
9.4140

12.8310, 11.3220,
15.0820

0.0000, 0.0000,
0.0000

121.5100, 16.9600,
23.0400

121.5100, 16.9600,
23.0400

112.3630, 22.0480,
29.9520

130.6570, 11.8720,
16.1280

103.2160, 27.1360,
36.8640

139.8040, 6.7840,
9.2160

93.4820, 32.4990,
44.2990

149.5380, 1.4210,
1.7810

84.3350, 37.5870,
51.2110

158.6850, -3.6670,
-5.1310

75.1880, 42.6750,
58.1230

167.8320, -8.7550,
-12.0430

66.0410, 47.7630,
65.0350


176.9790,
-13.8430, -18.9550

59.3560, 51.4300,
70.1660

186.1260,
-18.9310, -25.8670

195.8600,

-24.2940, -33.3020

 205.0070,
-29.3820, -40.2140

Harmonies

Analogous

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



120.5870, -8.3020, 18.3060



121.5100, 16.9600, 23.0400



120.4980, 34.4290, 20.3250

Triad

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



121.5100, 16.9600, 23.0400



115.9700, 25.9070, -12.4690



93.4270, -82.5700, -23.4180

Complementary

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



121.5100, 16.9600, 23.0400



132.4900, -16.9600, -23.0400

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.



101.9280, -53.3640, -24.0840



121.5100, 16.9600, 23.0400



113.5050, 5.0470, -19.8890

Square

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



121.5100, 16.9600, 23.0400



117.7640, 38.6510, -1.1330



109.4510, -21.2240, -22.8560



103.2970, -66.9840, -8.5200

Rectangle

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



121.5100, 16.9600, 23.0400



119.7450, 40.8030, 14.9390



109.4510, -21.2240, -22.8560



92.5150, -80.0020, -25.9060

Sweetspot

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



121.5100, 16.9600, 23.0400



186.8040, 6.7840, 9.2160



110.6900, -10.0900, 17.6700



92.3150, 3.6670, 5.1310



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



121.5100, 16.9600, 23.0400



150.2160, 27.1360, 36.8640



118.6600, 24.9850, 15.2650



72.0760, 2.8420, 3.5620



54.6280, 47.4880, 64.5120



5.0270, 4.5380, 5.8660

Inverse Universe

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



121.5100, 16.9600, 23.0400



150.2160, 27.1360, 36.8640



135.3400, -24.9850, -15.2650



72.0760, 2.8420, 3.5620



54.6280, 47.4880, 64.5120



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 121.5100, 16.9600, 23.0400 looks on a white background.

Color Contrast Check

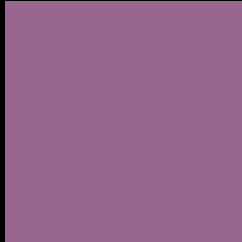
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5100, 16.9600, 23.0400 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 121.5100, 16.9600, 23.0400

Background



This preview shows how black text looks on a background with the YIQ color 121.5100, 16.9600, 23.0400.



This preview shows how white text looks on a background with the YIQ color 121.5100, 16.9600,

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

121.5100, 16.9600, 23.0400

Protanopia

118.7120, -16.3240, 9.5000

Deuteranopia

119.8180, -4.9990, 8.0010



Tritanopia

120.4700, 22.4640, 11.3920

Trichromacy



Original Color

121.5100, 16.9600, 23.0400

Protanomaly

120.1050, -4.1290, 14.2630

Deuteranomaly

120.5850, 3.2070, 13.4710

Tritanomaly

120.7350, 20.4000, 15.7600

Monochromacy



Original Color

121.5100, 16.9600, 23.0400

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9780, 6.2340, 8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5100, 16.9600, 23.0400 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(152, 102, 142)` looks like.

```
.text, #text, p{  
    color:rgb(152, 102, 142)  
}
```

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(152, 102, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 102, 142) }
```

Border

The CSS property to change the border of an element to YIQ 121.5100, 16.9600, 23.0400 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(152, 102, 142) }
```


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

```
.border{ border-color:rgb(152, 102, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 102, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 102, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 102, 142);  
box-shadow:4px 4px 4px 4px rgb(152, 102,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5100, 16.9600, 23.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 102, 142) }
```

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

```
.background{ background-color: rgb(152,  
102, 142) }
```

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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