

Converting Colors

YIQ(121.2330, 19.2980, 24.7220)

Have a look what the booklet for
YIQ(121.2330, 19.2980, 24.7220)
contains.

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Color

**YIQ(121.2330, 19.2980,
24.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	9B648E
RGB	155, 100, 142
RGB Percent	61%, 39%, 56%
CMY	0.3920, 0.6079, 0.4431
CMYK	0.00, 0.36, 0.08, 0.39
HSL	314°, 22%, 50%
HSV	314°, 36%, 61%
XYZ	22.9635, 18.0358, 27.8666
YIQ	121.2330, 19.2980, 24.7220

Conversions

Conversions Part 2

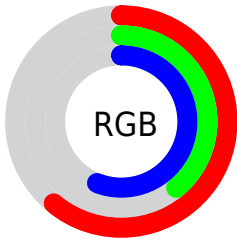
Format	Color
R_{YB}	155, 100, 142
Decimal	10183822
CIE _{Lab}	49.54, 28.92, -13.98
CIE _{LCh}	50, 32.118, 334.195
Yxy	18.0358, 0.3335, 0.2619
Android (android.graphics.Color)	4288373902 (0xFF9B648E)
YUV	121.2330, 10.2381, 29.6137
Hunter-Lab	42.4686, 22.1983, -9.1763

Details

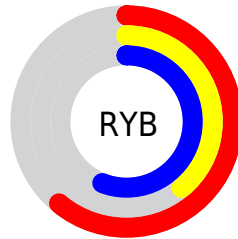
The YIQ color **121.2330, 19.2980, 24.7220** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.7670, -19.2980, -24.7220**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3580, 20.4440, 25.9800**, and **71.8090, 17.5560, 23.2520** is the 20% darker color. If you saturate the color by 10%, you get **111.3850, 24.9820, 31.8460**, and if you desaturate by 10%, it is **130.4940, 13.8890, 18.1210**.

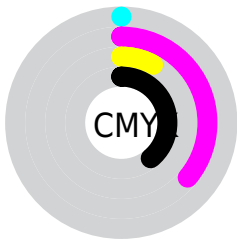
Distribution



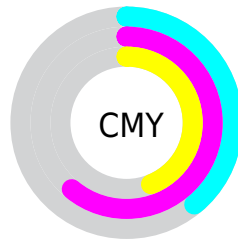
- Red (61%)
- Green (39%)
- Blue (56%)



- Red (61%)
- Yellow (39%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2330, 19.2980, 24.7220 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 121.2330, 19.2980, 24.7220 by changing the saturation by 10% instead.

121.2330, 19.2980,
24.7220

121.2330, 19.2980,
24.7220

255.0000, -0.0000,
-0.0000

95.5210, 18.4270,
23.9870

174.3580, 20.4440,
25.9800

71.8090, 17.5560,
23.2520

202.0700, 21.3150,
26.7150

47.5100, 16.9600,
23.0400

226.4820, 14.1630,
24.1710

23.7380, 16.3180,
23.6620

243.2600, 5.5000,
10.4600

13.4290, 12.5140,
15.5060

0.0000, 0.0000,
0.0000

121.2330, 19.2980,
24.7220

121.2330, 19.2980,
24.7220

111.3850, 24.9820,
31.8460

130.4940, 13.8890,
18.1210

102.2380, 30.0700,
38.7580

140.2280, 8.5260,
10.6860

92.3900, 35.7540,
45.8820

149.4890, 3.1170,
4.0850

83.1290, 41.1630,
52.4830

159.3370, -2.5670,
-3.0390

73.3950, 46.5260,
59.9180

169.0710, -7.9300,
-10.4740

64.1340, 51.9350,
66.5190


178.3320,
-13.3390, -17.0750

59.7970, 54.5020,
69.5580

188.1800,
-19.0230, -24.1990

197.3270,

-24.1110, -31.1110

 207.1750,
-29.7950, -38.2350

Harmonies

Analogous

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



120.2390, -7.2020, 20.3980



121.2330, 19.2980, 24.7220



119.9930, 37.4090, 21.3850

Triad

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



121.2330, 19.2980, 24.7220



114.9160, 25.9990, -14.1370



93.7690, -83.5330, -22.4850

Complementary

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



121.2330, 19.2980, 24.7220



133.7670, -19.2980, -24.7220

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.



96.3610, -65.0090, -27.8010



121.2330, 19.2980, 24.7220



112.3800, 3.9010, -21.1470

Square

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



121.2330, 19.2980, 24.7220



117.3080, 39.9350, -2.3770



107.5430, -24.4790, -24.4390



98.8550, -77.4830, -10.9790

Rectangle

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



121.2330, 19.2980, 24.7220



118.8270, 43.5080, 15.4760



107.5430, -24.4790, -24.4390



93.3300, -80.9190, -25.8070

Sweetspot

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



121.2330, 19.2980, 24.7220



187.5160, 7.6550, 9.9510



110.1570, -9.9070, 19.8610



94.0270, 4.5380, 5.8660



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



121.2330, 19.2980, 24.7220



148.2380, 30.0700, 38.7580



118.1550, 27.9650, 16.3250



72.0760, 2.8420, 3.5620



54.0580, 49.0930, 62.9570



5.0270, 4.5380, 5.8660

Inverse Universe

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



121.2330, 19.2980, 24.7220



148.2380, 30.0700, 38.7580



136.8450, -27.9650, -16.3250



72.0760, 2.8420, 3.5620



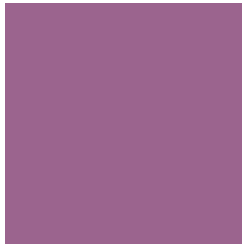
54.0580, 49.0930, 62.9570



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 121.2330, 19.2980, 24.7220 looks on a white background.

Color Contrast Check

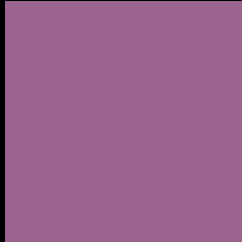
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2330, 19.2980, 24.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

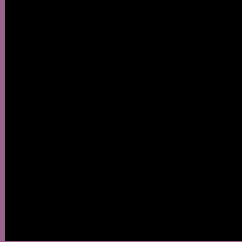
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.2330, 19.2980, 24.7220

Background



This preview shows how black text looks on a background with the YIQ color 121.2330, 19.2980, 24.7220.



This preview shows how white text looks on a background with the YIQ color 121.2330, 19.2980,

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

121.2330, 19.2980, 24.7220

Protanopia

118.5270, -17.2410, 9.5990

Deuteranopia

118.9320, -5.3200, 8.3120



Tritanopia

120.0790, 25.1230, 12.7630

Trichromacy



Original Color

121.2330, 19.2980, 24.7220

Protanomaly

119.6320, -4.1750, 15.0970

Deuteranomaly

119.9980, 3.4820, 13.9940

Tritanomaly

120.3440, 23.0590, 17.1310

Monochromacy



Original Color

121.2330, 19.2980, 24.7220

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.8040, 6.7840, 9.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2330, 19.2980, 24.7220 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(155, 100, 142)` looks like.

```
.text, #text, p{  
    color:rgb(155, 100, 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(155, 100, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 100, 142) }
```

Border

The CSS property to change the border of an element to YIQ 121.2330, 19.2980, 24.7220 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(155, 100, 142) }
```


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

```
.border{ border-color:rgb(155, 100, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 100, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 100, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 100, 142); box-shadow:4px 4px 4px 4px rgb(155, 100, 142) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2330, 19.2980, 24.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 100, 142) }
```

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

```
.background{ background-color: rgb(155,  
100, 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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