

Converting Colors

YIQ(99.0040, 12.5130, 21.0330)

Have a look what the booklet for
YIQ(99.0040, 12.5130, 21.0330)
contains.

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Color

**YIQ(99.0040, 12.5130,
21.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5279
RGB	124, 82, 121
RGB Percent	49%, 32%, 47%
CMY	0.5136, 0.6785, 0.5255
CMYK	0.00, 0.34, 0.02, 0.51
HSL	304°, 20%, 40%
HSV	304°, 34%, 49%
XYZ	14.7842, 11.7000, 19.5699
YIQ	99.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

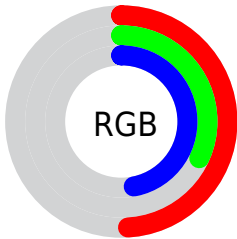
Format	Color
R_{YB}	124, 82, 121
Decimal	8147577
CIE _{Lab}	40.74, 24.35, -15.05
CIE _{LCh}	41, 28.626, 328.284
Yxy	11.7000, 0.3210, 0.2540
Android (android.graphics.Color)	4286337657 (0xFF7C5279)
YUV	99.0040, 10.8440, 21.9215
Hunter-Lab	34.2052, 17.2923, -9.9780

Details

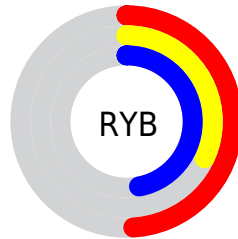
The YIQ color **99.0040, 12.5130, 21.0330** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **106.9960, -12.5130, -21.0330**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1290, 13.6590, 22.2910**, and **51.4660, 11.0920, 19.2520** is the 20% darker color. If you saturate the color by 10%, you get **91.8460, 16.1340, 26.9980**, and if you desaturate by 10%, it is **106.1620, 8.8920, 15.0680**.

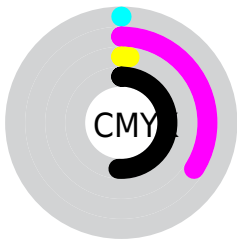
Distribution



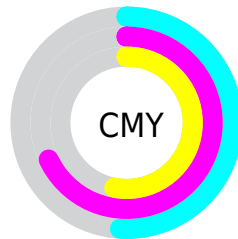
- Red (49%)
- Green (32%)
- Blue (47%)



- Red (49%)
- Yellow (32%)
- Blue (47%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.0040, 12.5130, 21.0330 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 99.0040, 12.5130, 21.0330 by changing the saturation by 10% instead.

■ 99.0040, 12.5130,
21.0330

■ 99.0040, 12.5130,
21.0330

■ 255.0000, -0.0000,
-0.0000

■ 74.5910, 12.2380,
20.5100

■ 150.1290, 13.6590,
22.2910

■ 51.4660, 11.0920,
19.2520

■ 176.9550, 14.2090,
23.3370

■ 29.1670, 10.4960,
19.0400

■ 204.9550, 14.2090,
23.3370

■ 12.8740, 9.7630,
15.8030

■ 230.3460, 11.5500,
21.9660

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.5750,
6.7990

■ 99.0040, 12.5130,
21.0330

■ 99.0040, 12.5130,
21.0330

■ 91.8460, 16.1340,
26.9980

■ 106.1620, 8.8920,
15.0680

■ 84.1010, 20.0300,
33.4860

■ 113.9070, 4.9960,
8.5800

■ 76.9430, 23.6510,
39.4510

■ 121.0650, 1.3750,
2.6150

■ 69.1980, 27.5470,
45.9390

■ 128.8100, -2.5210,
-3.8730

■ 62.1540, 30.8470,
52.2150

■ 135.8540, -5.8210,
-10.1490

■ 54.9960, 34.4680,
58.1800


■ 143.0120, -9.4420,
-16.1140

■ 50.1860, 36.9890,
62.0530

■ 150.7570,
-13.3380, -22.6020

■ 157.9150,

-16.9590, -28.5670

 165.6600,
-20.8550, -35.0550

Harmonies

Analogous

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



97.1520, -11.5110, 15.8890



99.0040, 12.5130, 21.0330



97.9320, 30.2110, 19.6750

Triad

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



99.0040, 12.5130, 21.0330



94.1380, 25.4940, -10.4900



76.7340, -67.2570, -20.0970

Complementary

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



99.0040, 12.5130, 21.0330



106.9960, -12.5130, -21.0330

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.



79.7930, -48.5500, -23.2220



99.0040, 12.5130, 21.0330



91.7550, 7.3390, -17.3730

Square

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



99.0040, 12.5130, 21.0330



95.8500, 35.5330, 0.3090



88.2560, -16.1810, -20.6370



77.0250, -72.2100, -12.9300

Rectangle

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



99.0040, 12.5130, 21.0330



97.4070, 35.9430, 14.9110



88.2560, -16.1810, -20.6370



75.9360, -65.0100, -22.2740

Sweetspot

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



99.0040, 12.5130, 21.0330



151.3800, 5.0420, 7.7460



87.6850, -11.6940, 13.6980



76.0160, 3.0710, 4.9190



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.



99.0040, 12.5130, 21.0330



121.6880, 19.7550, 32.9630



96.6100, 19.2540, 14.5020



57.4780, 1.6500, 3.1380



50.5990, 37.2640, 62.5760



102.0240, 75.0780, 126.1980

Inverse Universe

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



99.0040, 12.5130, 21.0330



121.6880, 19.7550, 32.9630



109.3900, -19.2540, -14.5020



57.4780, 1.6500, 3.1380



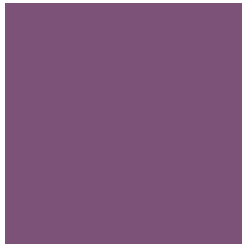
50.5990, 37.2640, 62.5760



102.0240, 75.0780, 126.1980

Previews

White Background



This preview shows how the YIQ color 99.0040, 12.5130, 21.0330 looks on a white background.

Color Contrast Check

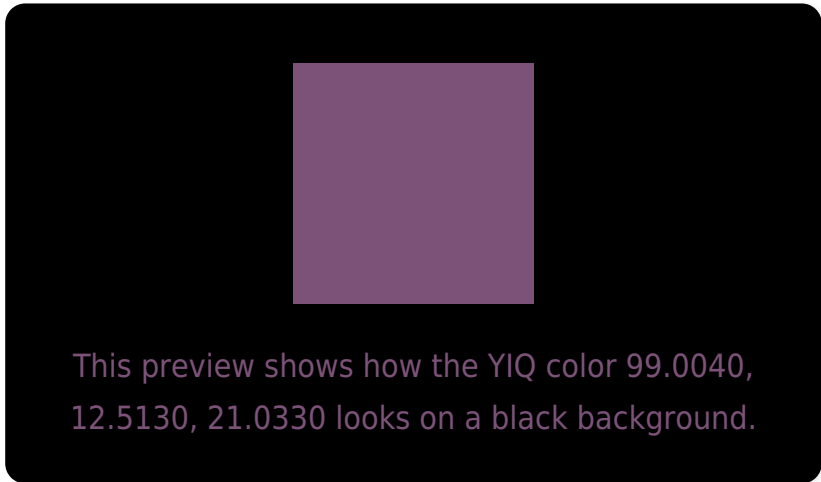
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

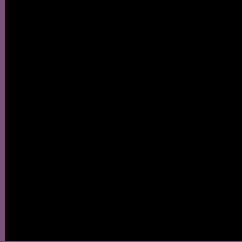
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.0040, 12.5130, 21.0330

Background



This preview shows how black text looks on a background with the YIQ color 99.0040, 12.5130, 21.0330.



This preview shows how white text looks on a background with the YIQ color 99.0040, 12.5130,

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

99.0040, 12.5130, 21.0330

Protanopia

96.4130, -16.9200, 9.2880

Deuteranopia

96.8500, -8.0250, 7.7750



Tritanopia

97.9640, 18.0170, 9.3850

Trichromacy



Original Color

99.0040, 12.5130, 21.0330

Protanomaly

97.2080, -5.9170, 13.6270

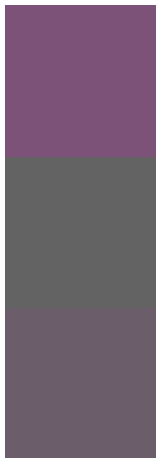
Deuteranomaly

97.9050, -0.6900, 12.5100

Tritanomaly

98.2290, 15.9530, 13.7530

Monochromacy



Original Color

99.0040, 12.5130, 21.0330

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0810, 4.4460, 7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.0040, 12.5130, 21.0330 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(124, 82, 121)` looks like.

```
.text, #text, p{  
    color:rgb(124, 82, 121)  
}
```

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(124, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 82, 121) }
```

Border

The CSS property to change the border of an element to YIQ 99.0040, 12.5130, 21.0330 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(124, 82, 121) }
```


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

```
.border{ border-color:rgb(124, 82, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 82, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(124, 82,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 99.0040, 12.5130, 21.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 82, 121) }
```

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

```
.background{ background-color: rgb(124, 82,  
121) }
```

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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