

Converting Colors

YIQ(125.9720, 7.5120, 40.0880)

Have a look what the booklet for
YIQ(125.9720, 7.5120, 40.0880)
contains.

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Color

**YIQ(125.9720, 7.5120,
40.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	9E62BA
RGB	158, 98, 186
RGB Percent	62%, 38%, 73%
CMY	0.3802, 0.6158, 0.2706
CMYK	0.15, 0.47, 0.00, 0.27
HSL	281°, 39%, 56%
HSV	281°, 47%, 73%
XYZ	27.3377, 19.5497, 48.7815
YIQ	125.9720, 7.5120, 40.0880

Conversions

Conversions Part 2

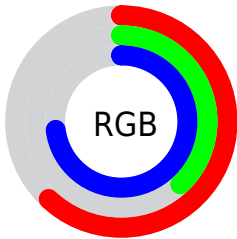
Format	Color
R _Y B	158, 98, 186
Decimal	10379962
CIE _{Lab}	51.32, 39.86, -36.96
CIE _{LCh}	51, 54.358, 317.160
Y _{xy}	19.5497, 0.2858, 0.2043
Android (android.graphics.Color)	4288570042 (0xFF9E62BA)
Y _{UV}	125.9720, 29.5938, 28.0886
Hunter-Lab	44.2150, 32.9886, -34.4630

Details

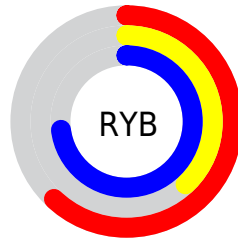
The YIQ color $125.9720, 7.5120, 40.0880$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $158.0280, -7.5120, -40.0880$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.7380, 8.2910, 42.4910$, and $74.3200, 6.4120, 37.9960$ is the 20% darker color. If you saturate the color by 10%, you get $113.0250, 9.1610, 48.7530$, and if you desaturate by 10%, it is $138.9190, 5.8630, 31.4230$.

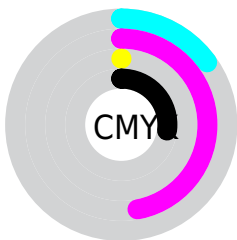
Distribution



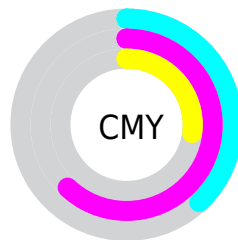
- Red (62%)
- Green (38%)
- Blue (73%)



- Red (62%)
- Yellow (38%)
- Blue (73%)



- Cyan (15%)
- Magenta (47%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.9720, 7.5120, 40.0880 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 125.9720, 7.5120, 40.0880 by changing the saturation by 10% instead.

125.9720, 7.5120,
40.0880

125.9720, 7.5120,
40.0880

255.0000, -0.0000,
-0.0000

100.1460, 6.9620,
39.0420

179.7380, 8.2910,
42.4910

74.3200, 6.4120,
37.9960

205.6260, 14.2980,
38.2500

49.3200, 6.4120,
37.9960

225.6500, 13.7500,
26.1500

25.1950, 5.2660,
36.7380

242.6730, 5.7750,
10.9830

16.2940, 0.1330,
25.1330

4.1040, -11.5560,
11.1960

1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,
0.0000

■ 125.9720, 7.5120,
40.0880

■ 125.9720, 7.5120,
40.0880

■ 113.0250, 9.1610,
48.7530

■ 138.9190, 5.8630,
31.4230

■ 100.6650, 10.5350,
56.8950

■ 151.2790, 4.4890,
23.2810

■ 87.7180, 12.1840,
65.5600

■ 164.2260, 2.8400,
14.6160

■ 75.3580, 13.5580,
73.7020

■ 176.5860, 1.4660,
6.4740

■ 62.7100, 15.8030,
82.5790

■ 189.5330, -0.1830,
-2.1910

■ 59.1770, 15.9860,
84.7700

■ 202.1810, -2.4280,
-11.0680

■ 214.5410, -3.8020,
-19.2100

■ 227.4880, -5.4510,
-27.8750

■ 233.9780, -4.0750,
-30.7870

Harmonies

Analogous

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



117.8380, -51.3090, 21.2910



125.9720, 7.5120, 40.0880



121.9800, 48.5920, 44.4960

Triad

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



125.9720, 7.5120, 40.0880



117.2770, 58.4150, -17.9130



101.4000, -87.1080, -29.2840

Complementary

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



125.9720, 7.5120, 40.0880



158.0280, -7.5120, -40.0880

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.



95.3410, -71.4250, -43.6890



125.9720, 7.5120, 40.0880



113.2960, 29.9000, -35.2840

Square

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



125.9720, 7.5120, 40.0880



119.1550, 71.5230, 8.8590



106.7110, -16.8650, -41.2890



105.0140, -100.0400, -15.1760

Rectangle

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



125.9720, 7.5120, 40.0880



119.6750, 65.3280, 38.5440



106.7110, -16.8650, -41.2890



99.5760, -81.9720, -34.2600

Sweetspot

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



125.9720, 7.5120, 40.0880



218.7530, 2.7940, 15.4500



125.0550, -36.2230, 12.2010



108.4660, 1.9240, 9.1880



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



125.9720, 7.5120, 40.0880



147.8380, 11.7260, 62.8460



132.6340, 29.0150, 41.3590



85.8200, 0.6870, 4.0710



49.4780, 13.1000, 70.9880



8.8730, 2.3360, 12.7360

Inverse Universe

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



127.5040, 43.4600, 27.3640



150.2780, 68.1240, 42.9400



151.3660, -29.0150, -41.3590



86.0330, 4.4010, 2.8410



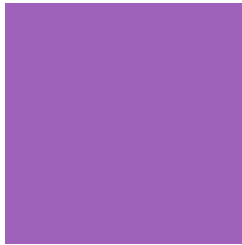
52.2300, 77.2470, 48.3110



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 125.9720, 7.5120, 40.0880 looks on a white background.

Color Contrast Check

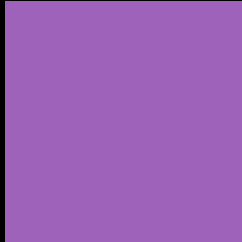
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.9720, 7.5120, 40.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

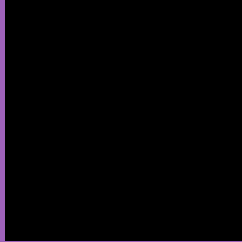
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.9720, 7.5120, 40.0880

Background



This preview shows how black text looks on a background with the YIQ color 125.9720, 7.5120, 40.0880.



This preview shows how white text looks on a background with the YIQ color 125.9720, 7.5120,

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

125.9720, 7.5120, 40.0880

Protanopia

119.8230, -46.9530, 19.4390

Deuteranopia

121.2510, -33.8390, 13.0490



Tritanopia

124.4910, 17.9710, 10.2190

Trichromacy



Original Color

125.9720, 7.5120, 40.0880

Protanomaly

122.1030, -27.0100, 26.9580

Deuteranomaly

122.7740, -18.8940, 23.0420

Tritanomaly

125.3740, 14.3470, 20.8350

Monochromacy



Original Color

125.9720, 7.5120, 40.0880

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2260, 2.8400, 14.6160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.9720, 7.5120, 40.0880 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(158, 98, 186)` looks like.

```
.text, #text, p{  
    color:rgb(158, 98, 186)  
}
```

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(158, 98, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 98, 186) }
```

Border

The CSS property to change the border of an element to YIQ 125.9720, 7.5120, 40.0880 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(158, 98, 186) }
```


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

```
.border{ border-color:rgb(158, 98, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 98, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 98, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 98, 186);  
box-shadow:4px 4px 4px 4px rgb(158, 98,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 125.9720, 7.5120, 40.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 98, 186) }
```

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

```
.background{ background-color: rgb(158, 98,  
186) }
```

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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