

Converting Colors

YIQ(126.9650, 9.3900, 50.1100)

Have a look what the booklet for
YIQ(126.9650, 9.3900, 50.1100)
contains.

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Color

**YIQ(126.9650, 9.3900,
50.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	A75CCA
RGB	167, 92, 202
RGB Percent	65%, 36%, 79%
CMY	0.3448, 0.6393, 0.2079
CMYK	0.17, 0.54, 0.00, 0.21
HSL	281°, 51%, 58%
HSV	281°, 54%, 79%
XYZ	30.4333, 20.1349, 58.1519
YIQ	126.9650, 9.3900, 50.1100

Conversions

Conversions Part 2

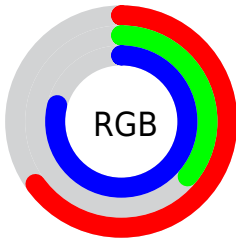
Format	Color
R _{YB}	167, 92, 202
Decimal	10968266
CIE _{Lab}	51.99, 49.01, -45.04
CIE _{LCh}	52, 66.562, 317.412
Yxy	20.1349, 0.2799, 0.1852
Android (android.graphics.Color)	4289158346 (0xFFA75CCA)
YUV	126.9650, 36.9923, 35.1107
Hunter-Lab	44.8720, 42.5374, -45.4267

Details

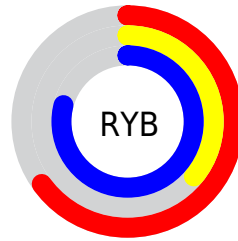
The YIQ color **126.9650, 9.3900, 50.1100** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **167.0350, -9.3900, -50.1100**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.1610, 11.7740, 50.9580**, and **73.7260, 8.5650, 48.5410** is the 20% darker color. If you saturate the color by 10%, you get **113.4310, 11.3140, 59.2980**, and if you desaturate by 10%, it is **140.4990, 7.4660, 40.9220**.

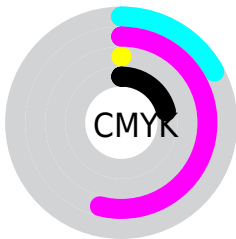
Distribution



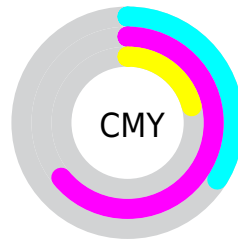
- Red (65%)
- Green (36%)
- Blue (79%)



- Red (65%)
- Yellow (36%)
- Blue (79%)



- Cyan (17%)
- Magenta (54%)
- Yellow (0%)
- Black (21%)



- Cyan (34%)
- Magenta (64%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.9650, 9.3900, 50.1100 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 126.9650, 9.3900, 50.1100 by changing the saturation by 10% instead.

126.9650, 9.3900,
50.1100

126.9650, 9.3900,
50.1100

255.0000, -0.0000,
-0.0000

100.1390, 8.8400,
49.0640

181.1610, 11.7740,
50.9580

73.7260, 8.5650,
48.5410

205.9800, 22.2290,
43.1970

43.9050, 9.6190,
51.4670

222.7150, 15.1250,
28.7650

28.5850, 4.3480,
42.3640

239.7380, 7.1500,
13.5980

18.5590, -1.9310,
29.5010

5.4720, -15.4080,
14.9280

3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 126.9650, 9.3900,
50.1100

■ 126.9650, 9.3900,
50.1100

■ 113.4310, 11.3140,
59.2980

■ 140.4990, 7.4660,
40.9220

■ 99.5980, 12.6420,
68.2740

■ 154.3320, 6.1380,
31.9460

■ 85.4770, 14.8410,
77.9850

■ 168.4530, 3.9390,
22.2350

■ 71.6440, 16.1690,
86.9610

■ 182.2860, 2.6110,
13.2590

■ 64.2900, 17.4060,
92.0780

■ 195.8200, 0.6870,
4.0710

■ 209.6530, -0.6410,
-4.9050

■ 223.1870, -2.5650,
-14.0930

■ 237.3080, -4.7640,
-23.8040

■ 239.9880, -0.8670,
-22.8430

Harmonies

Analogous

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



114.4690, -72.0790, 23.2570



126.9650, 9.3900, 50.1100



118.9420, 60.9230, 57.8110

Triad

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



126.9650, 9.3900, 50.1100



116.8620, 69.6490, -23.2710



105.9480, -91.6470, -29.6230

Complementary

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



126.9650, 9.3900, 50.1100



167.0350, -9.3900, -50.1100

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.



97.9340, -71.8370, -47.2370



126.9650, 9.3900, 50.1100



112.1790, 34.3030, -43.4970

Square

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



126.9650, 9.3900, 50.1100



117.5220, 86.6070, 10.8230



100.8310, -26.4910, -54.0670



109.8870, -106.8720, -12.5040

Rectangle

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



126.9650, 9.3900, 50.1100



114.3770, 81.3270, 51.4630



100.8310, -26.4910, -54.0670



103.0810, -84.9520, -35.3200

Sweetspot

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



126.9650, 9.3900, 50.1100



227.0460, 3.5270, 18.6870



126.2590, -45.4850, 14.8590



110.9330, 2.1070, 11.3790



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



126.9650, 9.3900, 50.1100



141.7110, 14.0620, 75.5820



135.3780, 36.0280, 51.9320



95.2330, 0.9620, 4.5940



52.7110, 14.0620, 75.5820



12.1060, 3.2980, 17.3300

Inverse Universe

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



128.8800, 54.3250, 34.2050



144.6760, 81.9230, 51.6750



158.6220, -36.0280, -51.9320



95.3320, 4.9970, 3.0530



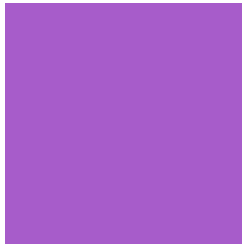
55.6760, 81.9230, 51.6750



12.7300, 18.7960, 11.7880

Previews

White Background



This preview shows how the YIQ color 126.9650, 9.3900, 50.1100 looks on a white background.

Color Contrast Check

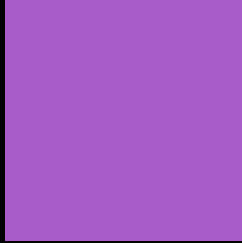
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9650, 9.3900, 50.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

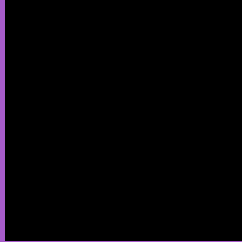
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.9650, 9.3900, 50.1100

Background



This preview shows how black text looks on a background with the YIQ color 126.9650, 9.3900, 50.1100.



This preview shows how white text looks on a background with the YIQ color 126.9650, 9.3900,

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

126.9650, 9.3900, 50.1100

Protanopia

117.7640, -65.6600, 22.5640

Deuteranopia

120.5470, -46.3560, 14.1240



Tritanopia

126.4700, 22.4640, 11.3920

Trichromacy



Original Color

126.9650, 9.3900, 50.1100

Protanomaly

120.9310, -37.9690, 32.8390

Deuteranomaly

122.7010, -25.8180, 27.3820

Tritanomaly

126.2760, 17.7390, 25.4430

Monochromacy



Original Color

126.9650, 9.3900, 50.1100

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9320, 3.8480, 18.3760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9650, 9.3900, 50.1100 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(167, 92, 202)` looks like.

```
.text, #text, p{  
    color:rgb(167, 92, 202)  
}
```

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(167, 92, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 92, 202) }
```

Border

The CSS property to change the border of an element to YIQ 126.9650, 9.3900, 50.1100 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(167, 92, 202) }
```


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

```
.border{ border-color:rgb(167, 92, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 92, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 92, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 92, 202);  
box-shadow:4px 4px 4px 4px rgb(167, 92,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 126.9650, 9.3900, 50.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 92, 202) }
```

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

```
.background{ background-color: rgb(167, 92,  
202) }
```

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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