

Converting Colors

YIQ(126.0580, 4.3940, 41.5300)

Have a look what the booklet for
YIQ(126.0580, 4.3940, 41.5300)
contains.

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Color

**YIQ(126.0580, 4.3940,
41.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	9C62C0
RGB	156, 98, 192
RGB Percent	61%, 38%, 75%
CMY	0.3880, 0.6158, 0.2471
CMYK	0.19, 0.49, 0.00, 0.25
HSL	277°, 43%, 57%
HSV	277°, 49%, 75%
XYZ	27.5983, 19.6089, 52.1913
YIQ	126.0580, 4.3940, 41.5300

Conversions

Conversions Part 2

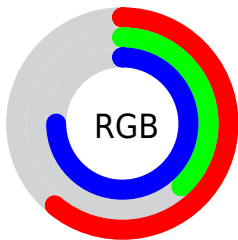
Format	Color
RYB	156, 98, 192
Decimal	10248896
CIELab	51.39, 40.61, -40.33
CIElCh	51, 57.233, 315.199
Yxy	19.6089, 0.2777, 0.1973
Android (android.graphics.Color)	4288438976 (0xFF9C62C0)
YUV	126.0580, 32.5094, 26.2591
Hunter-Lab	44.2820, 33.7549, -38.8826

Details

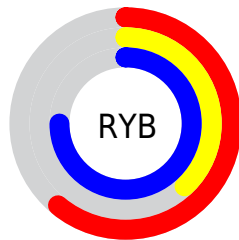
The YIQ color **126.0580, 4.3940, 41.5300** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **163.9420, -4.3940, -41.5300**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8240, 5.1730, 43.9330**, and **74.4060, 3.2940, 39.4380** is the 20% darker color. If you saturate the color by 10%, you get **112.8120, 5.4470, 49.9830**, and if you desaturate by 10%, it is **139.3040, 3.3410, 33.0770**.

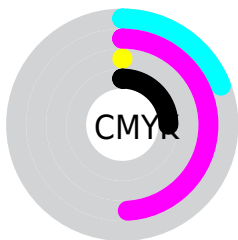
Distribution



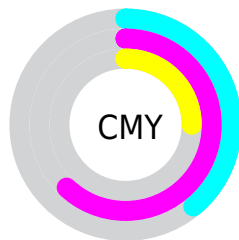
- Red (61%)
- Green (38%)
- Blue (75%)



- Red (61%)
- Yellow (38%)
- Blue (75%)



- Cyan (19%)
- Magenta (49%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (62%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.0580, 4.3940, 41.5300 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 126.0580, 4.3940, 41.5300 by changing the saturation by 10% instead.

126.0580, 4.3940,
41.5300

126.0580, 4.3940,
41.5300

255.0000, -0.0000,
-0.0000

100.2320, 3.8440,
40.4840

179.8240, 5.1730,
43.9330

74.4060, 3.2940,
39.4380

205.0280, 13.1060,
37.8260

48.9930, 3.0190,
38.9150

225.6500, 13.7500,
26.1500

25.1670, 2.4690,
37.8690

242.6730, 5.7750,
10.9830

15.8530, -2.9390,
25.7410

4.5600, -12.8400,
12.4400

2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 126.0580, 4.3940,
41.5300

■ 126.0580, 4.3940,
41.5300

■ 112.8120, 5.4470,
49.9830

■ 139.3040, 3.3410,
33.0770

■ 99.2670, 5.9040,
58.2240

■ 152.8490, 2.8840,
24.8360

■ 85.4340, 7.2320,
67.2000

■ 166.6820, 1.5560,
15.8600

■ 72.1880, 8.2850,
75.6530

■ 179.9280, 0.5030,
7.4070

■ 58.6430, 8.7420,
83.8940

■ 193.4730, 0.0460,
-0.8340

■ 57.4690, 9.2920,
84.9400

■ 206.7190, -1.0070,
-9.2870

■ 219.9650, -2.0600,
-17.7400

■ 234.0970, -2.7920,
-26.5040

■ 237.9510, 0.5550,
-26.5890

Harmonies

Analogous

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



115.8090, -61.5330, 19.3550



126.0580, 4.3940, 41.5300



121.9740, 48.7290, 47.5210

Triad

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



126.0580, 4.3940, 41.5300



116.3870, 63.9170, -18.5070



101.8730, -87.0620, -30.1180

Complementary

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



126.0580, 4.3940, 41.5300



163.9420, -4.3940, -41.5300

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.



95.4720, -70.4160, -45.4560



126.0580, 4.3940, 41.5300



112.4830, 36.5030, -39.3130

Square

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



126.0580, 4.3940, 41.5300



118.4760, 75.0530, 10.9650



105.9130, -14.6180, -43.4660



105.7150, -100.6360, -15.3880

Rectangle

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



126.0580, 4.3940, 41.5300



118.5660, 67.2530, 42.2050



105.9130, -14.6180, -43.4660



99.9350, -81.6050, -35.4050

Sweetspot

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



126.0580, 4.3940, 41.5300



223.5080, 2.1060, 16.9060



129.8480, -40.0740, 10.4060



108.8080, 0.9610, 10.1210



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



126.0580, 4.3940, 41.5300



146.3800, 7.3240, 65.5320



135.5680, 29.3810, 45.7410



89.9340, 0.3660, 4.3820



47.9550, 7.3230, 71.0590



9.7420, 1.3270, 14.5030

Inverse Universe

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



130.2100, 44.4680, 31.1240



152.7500, 69.9110, 49.1030



154.4320, -29.3810, -45.7410



90.4460, 4.6760, 3.3640



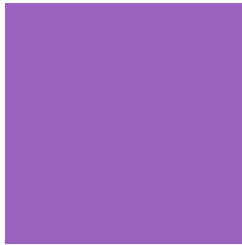
55.0930, 76.3750, 53.1030



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 126.0580, 4.3940, 41.5300 looks on a white background.

Color Contrast Check

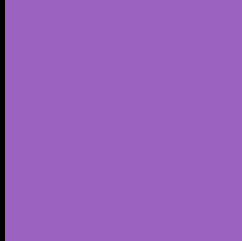
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0580, 4.3940, 41.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

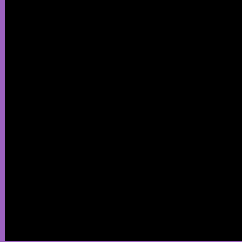
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.0580, 4.3940, 41.5300

Background



This preview shows how black text looks on a background with the YIQ color 126.0580, 4.3940, 41.5300.



This preview shows how white text looks on a background with the YIQ color 126.0580, 4.3940,

41.5300.

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

126.0580, 4.3940, 41.5300

Protanopia

119.1260, -52.1800, 20.5560

Deuteranopia

120.1410, -39.3410, 13.6430



Tritanopia

124.2950, 15.5870, 9.3710

Trichromacy



Original Color

126.0580, 4.3940, 41.5300

Protanomaly

121.7050, -31.6410, 28.2870

Deuteranomaly

122.2620, -23.2040, 24.0600

Tritanomaly

124.8190, 11.5960, 21.1320

Monochromacy



Original Color

126.0580, 4.3940, 41.5300

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1550, 1.6020, 15.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.0580, 4.3940, 41.5300 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(156, 98, 192)` looks like.

```
.text, #text, p{  
    color:rgb(156, 98, 192)  
}
```

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(156, 98, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 98, 192) }
```

Border

The CSS property to change the border of an element to YIQ 126.0580, 4.3940, 41.5300 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(156, 98, 192) }
```


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

```
.border{ border-color:rgb(156, 98, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 98, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 98, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 98, 192); box-shadow:4px 4px 4px 4px rgb(156, 98, 192) }
```

Background

The CSS property to change the background color of an element to YIQ 126.0580, 4.3940, 41.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 98, 192) }
```

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

```
.background{ background-color: rgb(156, 98,  
192) }
```

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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