

Converting Colors

YIQ(129.3720, 0.6340, 43.5940)

Have a look what the booklet for
YIQ(129.3720, 0.6340, 43.5940)
contains.

YIQ(129.3720, 0.6340, 43.5940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.3720, 0.6340,
43.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	9D65CB
RGB	157, 101, 203
RGB Percent	62%, 40%, 80%
CMY	0.3841, 0.6040, 0.2040
CMYK	0.23, 0.50, 0.00, 0.20
HSL	273°, 50%, 60%
HSV	273°, 50%, 80%
XYZ	29.3430, 20.7869, 58.9534
YIQ	129.3720, 0.6340, 43.5940

Conversions

Conversions Part 2

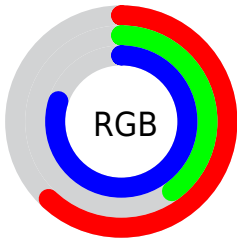
Format	Color
R_{YB}	157, 101, 203
Decimal	10315211
CIE _{Lab}	52.72, 41.74, -44.53
CIE _{LCh}	53, 61.039, 313.146
Yxy	20.7869, 0.2690, 0.1906
Android (android.graphics.Color)	4288505291 (0xFF9D65CB)
YUV	129.3720, 36.2986, 24.2298
Hunter-Lab	45.5926, 35.0940, -44.7500

Details

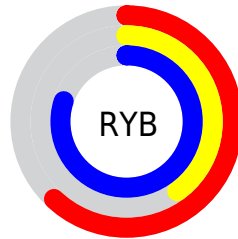
The YIQ color $129.3720, 0.6340, 43.5940$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $174.6280, -0.6340, -43.5940$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.8670, 3.6140, 44.6540$, and $77.6060, -0.1450, 41.1910$ is the 20% darker color. If you saturate the color by 10%, you get $114.9410, 0.7700, 52.1460$, and if you desaturate by 10%, it is $143.8030, 0.4980, 35.0420$.

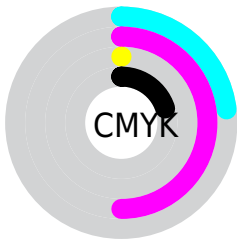
Distribution



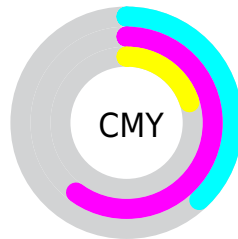
- Red (62%)
- Green (40%)
- Blue (80%)



- Red (62%)
- Yellow (40%)
- Blue (80%)



- Cyan (23%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.3720, 0.6340, 43.5940 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 129.3720, 0.6340, 43.5940 by changing the saturation by 10% instead.

129.3720, 0.6340,
43.5940

129.3720, 0.6340,
43.5940

255.0000, -0.0000,
-0.0000

103.4320, 0.4050,
42.2370

182.8670, 3.6140,
44.6540

77.6060, -0.1450,
41.1910

207.9740, 13.1980,
36.1580

51.8940, -1.0160,
40.4560

227.9980, 12.6500,
24.0580

26.0080, -1.3370,
40.7670

244.4340, 4.9500,
9.4140

15.6830, -8.2120,
27.6920

5.5860, -15.7290,
15.2390

3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 129.3720, 0.6340,
43.5940

■ 129.3720, 0.6340,
43.5940

■ 114.9410, 0.7700,
52.1460

■ 143.8030, 0.4980,
35.0420

■ 99.9230, 1.1810,
61.2210

■ 158.8210, 0.0870,
25.9670

■ 85.4920, 1.3170,
69.7730

■ 173.2520, -0.0490,
17.4150

■ 70.7620, 0.8570,
78.1130

■ 187.9820, 0.4110,
9.0750

■ 56.6300, 1.5890,
86.8770

■ 202.4130, 0.2750,
0.5230

■ 217.4310, -0.1360,
-8.5520

■ 231.8620, -0.2720,
-17.1040

■ 241.5970, 1.7920,
-21.4720

■ 244.2880, 7.1560,
-19.5640

Harmonies

Analogous

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



114.1430, -77.2130, 17.1790



129.3720, 0.6340, 43.5940



125.0930, 50.0120, 51.8040

Triad

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



129.3720, 0.6340, 43.5940



118.7530, 71.5740, -19.6100



104.9220, -88.7580, -32.4220

Complementary

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



129.3720, 0.6340, 43.5940



174.6280, -0.6340, -43.5940

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.



97.4780, -70.5530, -48.4810



129.3720, 0.6340, 43.5940



115.4680, 40.8590, -41.1650

Square

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



129.3720, 0.6340, 43.5940



120.5200, 80.9210, 14.7530



108.7730, -11.4080, -46.5760



109.3340, -103.9370, -16.1370

Rectangle

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



129.3720, 0.6340, 43.5940



120.8810, 70.9200, 47.3360



108.7730, -11.4080, -46.5760



102.8700, -82.9800, -38.0200

Sweetspot

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



129.3720, 0.6340, 43.5940



227.6110, 0.3180, 16.2700



140.8040, -45.9420, 6.6180



111.2100, -0.2310, 9.6970



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.



129.3720, 0.6340, 43.5940



144.5580, 0.9510, 65.3910



142.7840, 29.0130, 52.4130



94.6350, -0.2300, 4.1700



46.1330, 0.9500, 70.9180



10.6110, 0.3180, 16.2700

Inverse Universe

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



136.7420, 46.0260, 35.9300



155.6130, 69.0390, 53.8950



161.2160, -29.0130, -52.4130



95.4460, 4.6760, 3.3640



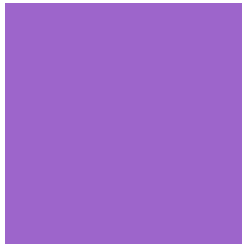
58.1840, 74.8610, 58.5170



13.3000, 17.1910, 13.3430

Previews

White Background



This preview shows how the YIQ color 129.3720, 0.6340, 43.5940 looks on a white background.

Color Contrast Check

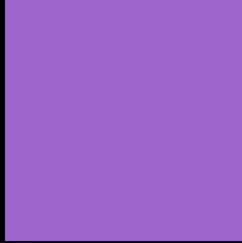
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3720, 0.6340, 43.5940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

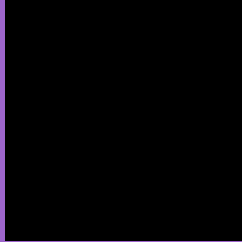
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.3720, 0.6340, 43.5940

Background



This preview shows how black text looks on a background with the YIQ color 129.3720, 0.6340, 43.5940.



This preview shows how white text looks on a background with the YIQ color 129.3720, 0.6340,

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

129.3720, 0.6340, 43.5940

Protanopia

121.2440, -58.3240, 21.7720

Deuteranopia

122.5470, -46.3560, 14.1240



Tritanopia

127.5010, 12.0110, 8.0990

Trichromacy



Original Color

129.3720, 0.6340, 43.5940



Protanomaly

124.1220, -37.1890, 29.7150



Deuteranomaly

124.9670, -29.6230, 24.7530



Tritanomaly

127.9650, 8.2490, 21.2170

Monochromacy



Original Color

129.3720, 0.6340, 43.5940



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.1980, 0.0430, 15.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.3720, 0.6340, 43.5940 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(157, 101, 203)` looks like.

```
.text, #text, p{  
    color:rgb(157, 101, 203)  
}
```

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(157, 101, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 101, 203) }
```

Border

The CSS property to change the border of an element to YIQ 129.3720, 0.6340, 43.5940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

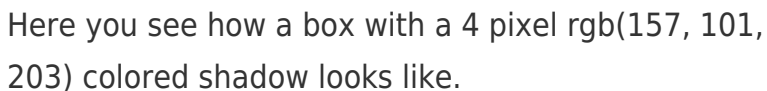
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 101, 203) }
```


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

```
.border{ border-color:rgb(157, 101, 203) }
```

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



Here you see how a box with a 4 pixel rgb(157, 101, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 101, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 101, 203);  
box-shadow:4px 4px 4px 4px rgb(157, 101,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 129.3720, 0.6340, 43.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 101, 203) }
```

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

```
.background{ background-color: rgb(157,  
101, 203) }
```

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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