

Converting Colors

YIQ(129.5420, 5.9070, 41.6430)

Have a look what the booklet for
YIQ(129.5420, 5.9070, 41.6430)
contains.

YIQ(129.5420, 5.9070, 41.6430)	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(129.5420, 5.9070,
41.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	A165C2
RGB	161, 101, 194
RGB Percent	63%, 40%, 76%
CMY	0.3684, 0.6040, 0.2393
CMYK	0.17, 0.48, 0.00, 0.24
HSL	279°, 43%, 58%
HSV	279°, 48%, 76%
XYZ	29.0957, 20.7794, 53.5089
YIQ	129.5420, 5.9070, 41.6430

Conversions

Conversions Part 2

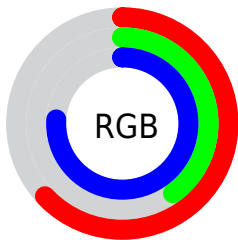
Format	Color
R _Y B	161, 101, 194
Decimal	10577346
CIE Lab	52.71, 40.83, -39.37
CIE LCh	53, 56.714, 316.041
Yxy	20.7794, 0.2814, 0.2010
Android (android.graphics.Color)	4288767426 (0xFFA165C2)
YUV	129.5420, 31.7778, 27.5887
Hunter-Lab	45.5844, 34.1607, -37.6881

Details

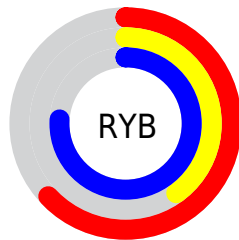
The YIQ color **129.5420, 5.9070, 41.6430** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **165.4580, -5.9070, -41.6430**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3080, 6.6860, 44.0460**, and **77.8900, 4.8070, 39.5510** is the 20% darker color. If you saturate the color by 10%, you get **116.2960, 6.9600, 50.0960**, and if you desaturate by 10%, it is **142.7880, 4.8540, 33.1900**.

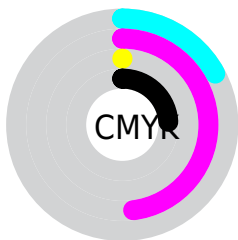
Distribution



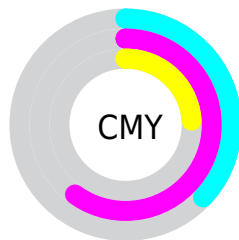
- Red (63%)
- Green (40%)
- Blue (76%)



- Red (63%)
- Yellow (40%)
- Blue (76%)



- Cyan (17%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (37%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.5420, 5.9070, 41.6430 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 129.5420, 5.9070, 41.6430 by changing the saturation by 10% instead.

129.5420, 5.9070,
41.6430

129.5420, 5.9070,
41.6430

255.0000, -0.0000,
-0.0000

103.7160, 5.3570,
40.5970

183.3080, 6.6860,
44.0460

77.8900, 4.8070,
39.5510

209.1700, 15.5820,
37.0060

52.4770, 4.5320,
39.0280

227.9980, 12.6500,
24.0580

26.8900, 4.8070,
39.5510

244.4340, 4.9500,
9.4140

16.9780, -1.7930,
26.9990

4.7880, -13.4820,
13.0620

2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 129.5420, 5.9070,
41.6430

■ 129.5420, 5.9070,
41.6430

■ 116.2960, 6.9600,
50.0960

■ 142.7880, 4.8540,
33.1900

■ 102.4630, 8.2880,
59.0720

■ 156.6210, 3.5260,
24.2140

■ 89.2170, 9.3410,
67.5250

■ 169.8670, 2.4730,
15.7610

■ 75.6830, 11.2650,
76.7130

■ 183.7000, 1.1450,
6.7850

■ 62.4370, 12.3180,
85.1660

■ 196.6470, -0.5040,
-1.8800

■ 59.4910, 12.2260,
86.8340

■ 209.8930, -1.5570,
-10.3330

■ 223.7260, -2.8850,
-19.3090

■ 236.3850, -3.6630,
-27.2390

■ 238.4780, 0.5090,
-25.7550

Harmonies

Analogous

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



120.0160, -57.6820, 21.1500



129.5420, 5.9070, 41.6430



125.7460, 49.3710, 46.8990

Triad

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



129.5420, 5.9070, 41.6430



120.3160, 62.6790, -18.0970



104.6770, -89.4460, -30.9660

Complementary

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



129.5420, 5.9070, 41.6430



165.4580, -5.9070, -41.6430

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.



97.8030, -72.8460, -45.4700



129.5420, 5.9070, 41.6430



115.9820, 33.6600, -37.3480

Square

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



129.5420, 5.9070, 41.6430



122.0630, 74.7780, 10.4420



109.7280, -15.5350, -43.3670



107.9320, -102.7450, -15.7130

Rectangle

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



129.5420, 5.9070, 41.6430



122.3380, 67.8950, 41.5830



109.7280, -15.5350, -43.3670



102.8530, -84.3100, -35.9420

Sweetspot

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



129.5420, 5.9070, 41.6430



227.8670, 2.4730, 15.7610



131.5600, -39.2030, 11.1410



112.6940, 1.2820, 9.8100



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.



129.5420, 5.9070, 41.6430



151.0490, 9.7540, 65.5460



138.0410, 29.4270, 44.9070



89.9340, 0.3660, 4.3820



49.4500, 10.3030, 72.1190



10.0410, 1.9230, 14.7150

Inverse Universe

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



132.5690, 44.8350, 29.9790



155.5820, 70.3240, 47.1240



156.9590, -29.4270, -44.9070



90.4460, 4.6760, 3.3640



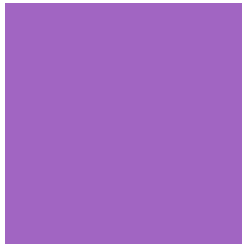
54.6370, 77.6590, 51.8590



11.2350, 15.8160, 10.7280

Previews

White Background



This preview shows how the YIQ color 129.5420, 5.9070, 41.6430 looks on a white background.

Color Contrast Check

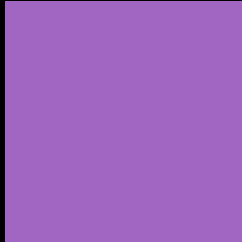
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.5420, 5.9070, 41.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

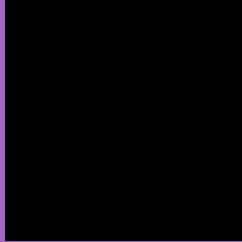
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.5420, 5.9070, 41.6430

Background



This preview shows how black text looks on a background with the YIQ color 129.5420, 5.9070, 41.6430.



This preview shows how white text looks on a background with the YIQ color 129.5420, 5.9070,

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

129.5420, 5.9070, 41.6430

Protanopia

122.6100, -50.6670, 20.6690

Deuteranopia

123.9240, -37.2320, 13.9680



Tritanopia

127.8930, 16.7790, 9.7950

Trichromacy



Original Color

129.5420, 5.9070, 41.6430

Protanomaly

125.1890, -30.1280, 28.4000

Deuteranomaly

125.7460, -21.6910, 24.1730

Tritanomaly

128.4170, 12.7880, 21.5560

Monochromacy



Original Color

129.5420, 5.9070, 41.6430

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.4540, 2.1980, 15.2380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5420, 5.9070, 41.6430 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(161, 101, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 101, 194)  
}
```

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(161, 101, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 101, 194) }
```

Border

The CSS property to change the border of an element to YIQ 129.5420, 5.9070, 41.6430 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(161, 101, 194) }
```


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

```
.border{ border-color:rgb(161, 101, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 101, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 101, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 101, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 101,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5420, 5.9070, 41.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 101, 194) }
```

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

```
.background{ background-color: rgb(161,  
101, 194) }
```

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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