

Converting Colors

YIQ(125.1470, 6.3620, 60.9380)

Have a look what the booklet for
YIQ(125.1470, 6.3620, 60.9380)
contains.

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Color

**YIQ(125.1470, 6.3620,
60.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	A954DE
RGB	169, 84, 222
RGB Percent	66%, 33%, 87%
CMY	0.3370, 0.6707, 0.1295
CMYK	0.24, 0.62, 0.00, 0.13
HSL	277°, 68%, 60%
HSV	277°, 62%, 87%
XYZ	32.7276, 20.0511, 71.2379
YIQ	125.1470, 6.3620, 60.9380

Conversions

Conversions Part 2

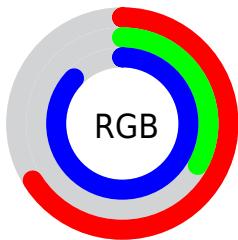
Format	Color
R _Y B	169, 84, 222
Decimal	11097310
CIE Lab	51.89, 57.80, -56.57
CIE LCh	52, 80.874, 315.619
Yxy	20.0511, 0.2639, 0.1617
Android (android.graphics.Color)	4289287390 (0xFFA954DE)
YUV	125.1470, 47.7485, 38.4591
Hunter-Lab	44.7785, 52.0992, -62.9793

Details

The YIQ color **125.1470, 6.3620, 60.9380** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **180.8530, -6.3620, -60.9380**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9490, 15.4870, 55.2550**, and **68.8480, 5.7660, 60.7260** is the 20% darker color. If you saturate the color by 10%, you get **109.8410, 7.6440, 70.7480**, and if you desaturate by 10%, it is **140.7520, 5.6760, 51.3400**.

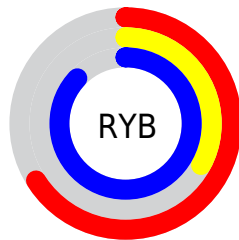
Distribution



Red (66%)

Green (33%)

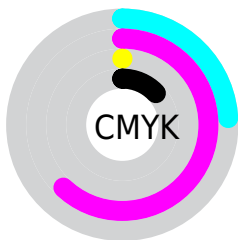
Blue (87%)



Red (66%)

Yellow (33%)

Blue (87%)

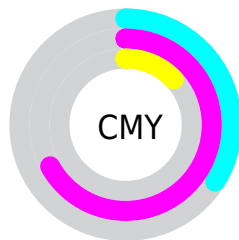


Cyan (24%)

Magenta (62%)

Yellow (0%)

Black (13%)



Cyan (34%)

Magenta (67%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.1470, 6.3620, 60.9380 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 125.1470, 6.3620, 60.9380 by changing the saturation by 10% instead.

125.1470, 6.3620,
60.9380

125.1470, 6.3620,
60.9380

255.0000, -0.0000,
-0.0000

97.7340, 6.0870,
60.4150

177.9490, 15.4870,
55.2550

69.1470, 6.3620,
60.9380

202.1700, 24.7500,
47.0700

41.2610, 6.0410,
61.2490

219.1930, 16.7750,
31.9030

29.6260, -2.8970,
47.0150

235.6290, 9.0750,
17.2590

18.7030, -10.9640,
33.5160

253.2390, 0.8250,
1.5690

7.1820, -20.2230,
19.5930

6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 125.1470, 6.3620,
60.9380

■ 125.1470, 6.3620,
60.9380

■ 109.8410, 7.6440,
70.7480

■ 140.7520, 5.6760,
51.3400

■ 94.2360, 8.3300,
80.3460

■ 156.0580, 4.3940,
41.5300

■ 78.3430, 9.8870,
90.6790

■ 172.2500, 3.4330,
31.4090

■ 66.2710, 10.3900,
98.0860

■ 187.5560, 2.1510,
21.5990

203.1610, 1.4650,
12.0010

218.4670, 0.1830,
2.1910

234.0720, -0.5030,
-7.4070

245.8560, -0.1350,
-14.0790

248.5470, 5.2290,
-12.1710

Harmonies

Analogous

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



99.5100, -114.8550, 16.5450



125.1470, 6.3620, 60.9380



105.1960, 75.7280, 81.3600

Triad

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



125.1470, 6.3620, 60.9380



116.3190, 75.7920, -18.9600



107.9370, -93.1140, -30.5700

Complementary

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



125.1470, 6.3620, 60.9380



180.8530, -6.3620, -60.9380

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.



98.5550, -69.4520, -51.9160



125.1470, 6.3620, 60.9380



112.4670, 33.4320, -44.2320

Square

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



125.1470, 6.3620, 60.9380



110.3350, 106.3670, 16.1510



85.1150, -39.8750, -75.8350



113.9450, -112.7870, -9.9310

Rectangle

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



125.1470, 6.3620, 60.9380



86.2290, 106.4920, 85.5000



85.1150, -39.8750, -75.8350



105.2010, -85.4100, -38.0340

Sweetspot

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



125.1470, 6.3620, 60.9380



221.1430, 1.8760, 21.0760



130.8430, -58.8730, 15.1990



106.8020, 1.0980, 13.1460



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.



125.1470, 6.3620, 60.9380



121.0560, 9.0170, 84.4170



139.1700, 43.0860, 67.1980



104.3470, 0.6410, 4.9050



52.6550, 8.4680, 77.8440



14.4420, 2.4720, 21.2880

Inverse Universe

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



131.3040, 65.2350, 45.7390



129.4310, 90.4030, 63.1950



166.8300, -43.0860, -67.1980



104.7450, 5.2720, 3.5760



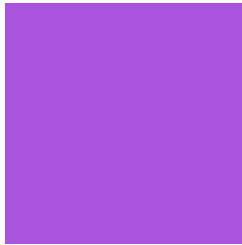
60.2620, 83.3890, 58.1490



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 125.1470, 6.3620, 60.9380 looks on a white background.

Color Contrast Check

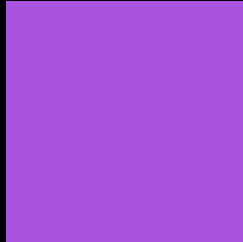
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.1470, 6.3620, 60.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

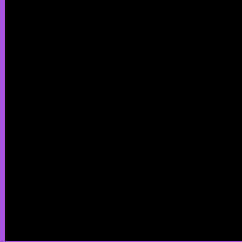
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.1470, 6.3620, 60.9380

Background



This preview shows how black text looks on a background with the YIQ color 125.1470, 6.3620, 60.9380.



This preview shows how white text looks on a background with the YIQ color 125.1470, 6.3620,

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

125.1470, 6.3620, 60.9380

Protanopia

98.8090, -114.2590, 16.7570

Deuteranopia

113.9170, -70.8850, 12.6270



Tritanopia

125.9860, 20.9510, 11.2790

Trichromacy



Original Color

125.1470, 6.3620, 60.9380



Protanomaly

108.0490, -70.4760, 32.7560



Deuteranomaly

118.0120, -42.6910, 30.3090



Tritanomaly

125.4270, 15.9960, 29.5000

Monochromacy



Original Color

125.1470, 6.3620, 60.9380



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.9690, 2.4260, 22.1220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.1470, 6.3620, 60.9380 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(169, 84, 222)` looks like.

```
.text, #text, p{  
    color:rgb(169, 84, 222)  
}
```

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(169, 84, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 84, 222) }
```

Border

The CSS property to change the border of an element to YIQ 125.1470, 6.3620, 60.9380 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(169, 84, 222) }
```


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

```
.border{ border-color:rgb(169, 84, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 84, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 84, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 84, 222);  
box-shadow:4px 4px 4px 4px rgb(169, 84,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 125.1470, 6.3620, 60.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 84, 222) }
```

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

```
.background{ background-color: rgb(169, 84,  
222) }
```

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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