

Converting Colors

YIQ(125.0040, -4.6820, 29.7980)

Have a look what the booklet for
YIQ(125.0040, -4.6820, 29.7980)
contains.

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Color

**YIQ(125.0040, -4.6820,
29.7980)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8B6BB5 |
| RGB | 139, 107, 181 |
| RGB Percent | 55%, 42%, 71% |
| CMY | 0.4548, 0.5804, 0.2903 |
| CMYK | 0.23, 0.41, 0.00, 0.29 |
| HSL | 266°, 33%, 56% |
| HSV | 266°, 41%, 71% |
| XYZ | 24.2475, 19.3397, 46.1606 |
| YIQ | 125.0040, -4.6820, 29.7980 |

Conversions

Conversions Part 2

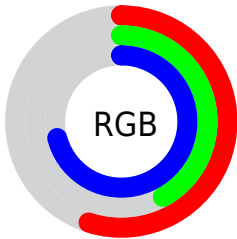
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 139, 107, 181 |
| Decimal | 9137077 |
| CIE _{Lab} | 51.08, 27.96, -34.59 |
| CIE _{LCh} | 51, 44.477, 308.957 |
| Yxy | 19.3397, 0.2702, 0.2155 |
| Android (android.graphics.Color) | 4287327157 (0xFF8B6BB5) |
| YUV | 125.0040, 27.6060, 12.2745 |
| Hunter-Lab | 43.9769, 21.4597, -31.4502 |

Details

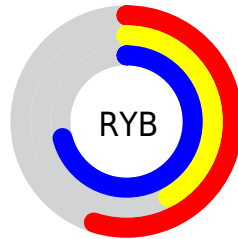
The YIQ color **125.0040, -4.6820, 29.7980** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **162.9960, 4.6820, -29.7980**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3570, -4.1780, 31.6780**, and **75.2380, -5.4610, 27.3950** is the 20% darker color. If you saturate the color by 10%, you get **111.4480, -5.6920, 37.0920**, and if you desaturate by 10%, it is **138.5600, -3.6720, 22.5040**.

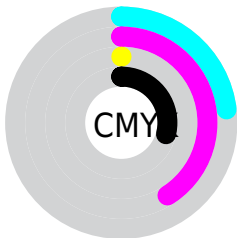
Distribution



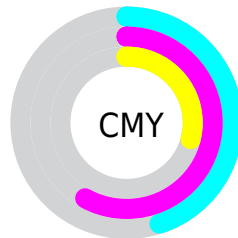
- Red (55%)
- Green (42%)
- Blue (71%)



- Red (55%)
- Yellow (42%)
- Blue (71%)



- Cyan (23%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (45%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.0040, -4.6820, 29.7980 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 125.0040, -4.6820, 29.7980 by changing the saturation by 10% instead.

125.0040, -4.6820,
29.7980

125.0040, -4.6820,
29.7980

255.0000, -0.0000,
-0.0000

99.4770, -4.6360,
28.9640

178.3570, -4.1780,
31.6780

75.2380, -5.4610,
27.3950

204.6300, -0.6930,
29.0910

51.2980, -5.6900,
26.0380

229.7370, 8.8910,
20.5950

28.7600, -7.1110,
24.2570

247.3690, 3.5750,
6.7990

11.6520, -6.9270,
20.9210

4.8220, -10.8220,
8.9060

0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 125.0040, -4.6820,
29.7980

■ 125.0040, -4.6820,
29.7980

■ 111.4480, -5.6920,
37.0920

■ 138.5600, -3.6720,
22.5040

■ 97.8920, -6.7020,
44.3860

■ 152.4150, -2.0660,
15.4220

■ 84.0370, -8.3080,
51.4680

■ 165.9710, -1.0560,
8.1280

■ 70.4810, -9.3180,
58.7620

■ 179.5270, -0.0460,
0.8340

■ 56.3380, -10.0530,
66.5790

■ 193.0830, 0.9640,
-6.4600

43.9560, -11.6130,
72.8270

207.5250, 2.2950,
-14.0650

221.0810, 3.3050,
-21.3590

234.6370, 4.3150,
-28.6530

239.3880, 9.4500,
-28.1020

Harmonies

Analogous

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



115.8990, -53.2790, 12.9370



125.0040, -4.6820, 29.7980



124.6140, 31.7670, 35.5350

Triad

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



125.0040, -4.6820, 29.7980



119.4910, 52.3610, -7.3110



97.8150, -81.1470, -32.6910

Complementary

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



125.0040, -4.6820, 29.7980



162.9960, 4.6820, -29.7980

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.



99.6700, -53.1780, -38.4740



125.0040, -4.6820, 29.7980



116.4570, 31.3650, -23.2830

Square

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



125.0040, -4.6820, 29.7980



120.6300, 60.0600, 12.8600



112.1200, -1.5990, -31.6070



100.7450, -92.1530, -20.4490

Rectangle

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



125.0040, -4.6820, 29.7980



122.4170, 48.3190, 32.9190



112.1200, -1.5990, -31.6070



95.7460, -76.6990, -36.2110

Sweetspot

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



125.0040, -4.6820, 29.7980



213.1930, -1.5610, 11.7750



140.6770, -35.5790, 0.5250



104.9170, -0.9640, 6.4600



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



125.0040, -4.6820, 29.7980



147.7610, -7.7110, 46.1530



135.7680, 16.7740, 37.4300



82.2220, -0.5050, 3.6470



37.1760, -9.7770, 61.5750



6.2530, -1.7900, 10.4180

Inverse Universe

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



133.9140, 30.6220, 28.7500



161.7950, 47.6750, 44.5950



152.2320, -16.7740, -37.4300



83.2610, 3.7590, 3.4630



55.6650, 63.2610, 59.4930



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 125.0040, -4.6820, 29.7980 looks on a white background.

Color Contrast Check

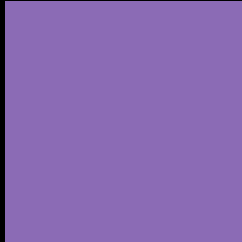
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.0040, -4.6820, 29.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

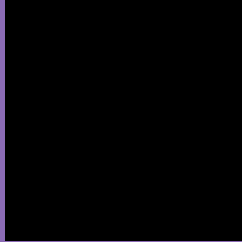
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.0040, -4.6820, 29.7980

Background



This preview shows how black text looks on a background with the YIQ color 125.0040, -4.6820, 29.7980.



This preview shows how white text looks on a background with the YIQ color 125.0040, -4.6820,

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

125.0040, -4.6820, 29.7980

Protanopia

120.1460, -37.7370, 17.6150

Deuteranopia

120.6210, -32.0050, 12.8510



Tritanopia

122.7280, 3.9420, 5.6540

Trichromacy



Original Color

125.0040, -4.6820, 29.7980

Protanomaly

122.1260, -25.8170, 21.8550

Deuteranomaly

122.2850, -22.0110, 18.9570

Tritanomaly

123.4430, 0.7310, 14.2910

Monochromacy



Original Color

125.0040, -4.6820, 29.7980

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.6660, -1.5150, 10.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.0040, -4.6820, 29.7980 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(139, 107, 181)` looks like.

```
.text, #text, p{  
    color:rgb(139, 107, 181)  
}
```

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(139, 107, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 107, 181) }
```

Border

The CSS property to change the border of an element to YIQ 125.0040, -4.6820, 29.7980 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(139, 107, 181) }
```


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

```
.border{ border-color:rgb(139, 107, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 107, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 107, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 107, 181);  
box-shadow:4px 4px 4px 4px rgb(139, 107,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 125.0040, -4.6820, 29.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 107, 181) }
```

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

```
.background{ background-color: rgb(139,  
107, 181) }
```

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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