

Converting Colors

YIQ(125.6580, 2.1040, 27.9600)

Have a look what the booklet for
YIQ(125.6580, 2.1040, 27.9600)
contains.

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Color

**YIQ(125.6580, 2.1040,
27.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	916BAB
RGB	145, 107, 171
RGB Percent	57%, 42%, 67%
CMY	0.4312, 0.5804, 0.3295
CMYK	0.15, 0.37, 0.00, 0.33
HSL	276°, 28%, 55%
HSV	276°, 37%, 67%
XYZ	24.2886, 19.4747, 41.0017
YIQ	125.6580, 2.1040, 27.9600

Conversions

Conversions Part 2

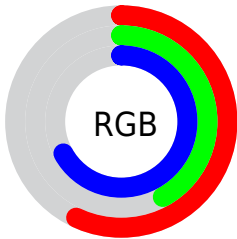
Format	Color
R_{YB}	145, 107, 171
Decimal	9530283
CIE _{Lab}	51.24, 27.47, -28.50
CIE _{LCh}	51, 39.583, 313.950
Yxy	19.4747, 0.2865, 0.2297
Android (android.graphics.Color)	4287720363 (0xFF916BAB)
YUV	125.6580, 22.3536, 16.9629
Hunter-Lab	44.1302, 21.0161, -24.1956

Details

The YIQ color $[125.6580, 2.1040, 27.9600]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $152.3420, -2.1040, -27.9600$, and the grayscale version is $[125.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[179.0110, 2.6080, 29.8400]$, and $[75.8920, 1.3250, 25.5570]$ is the 20% darker color. If you saturate the color by 10%, you get $[113.5860, 2.6070, 35.3670]$, and if you desaturate by 10%, it is $[137.7300, 1.6010, 20.5530]$.

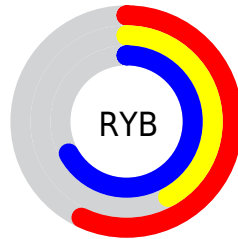
Distribution



Red (57%)

Green (42%)

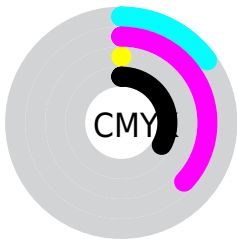
Blue (67%)



Red (57%)

Yellow (42%)

Blue (67%)

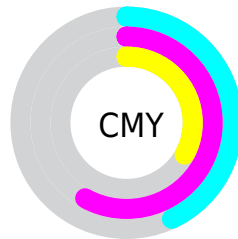


Cyan (15%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (43%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.6580, 2.1040, 27.9600 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 125.6580, 2.1040, 27.9600 by changing the saturation by 10% instead.

■ 125.6580, 2.1040,
27.9600

■ 125.6580, 2.1040,
27.9600

■ 255.0000, -0.0000,
-0.0000

■ 100.1310, 2.1500,
27.1260

■ 179.0110, 2.6080,
29.8400

■ 75.8920, 1.3250,
25.5570

■ 206.4240, 2.8830,
30.3630

■ 52.3650, 1.3710,
24.7230

■ 230.9330, 11.2750,
21.4430

■ 29.6530, 0.5000,
23.9880

■ 247.3690, 3.5750,
6.7990

■ 13.1320, 0.4090,
20.1290

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

125.6580, 2.1040,
27.9600

125.6580, 2.1040,
27.9600

113.5860, 2.6070,
35.3670

137.7300, 1.6010,
20.5530

101.5140, 3.1100,
42.7740

149.8020, 1.0980,
13.1460

89.4420, 3.6130,
50.1810

161.8740, 0.5950,
5.7390

77.3700, 4.1160,
57.5880

173.9460, 0.0920,
-1.6680

64.7110, 4.8940,
65.5180

186.0180, -0.4110,
-9.0750

52.6390, 5.3970,
72.9250

198.6770, -1.1890,
-17.0050

49.9920, 5.9010,
74.8050

210.7490, -1.6920,
-24.4120

222.8210, -2.1950,
-31.8190

231.0720, -1.6440,
-36.3000

Harmonies

Analogous

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



119.9780, -37.3240, 15.6360



125.6580, 2.1040, 27.9600



124.8650, 32.3180, 31.0540

Triad

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



125.6580, 2.1040, 27.9600



120.2450, 44.2460, -8.9220



97.2110, -82.2020, -30.0900

Complementary

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



125.6580, 2.1040, 27.9600



152.3420, -2.1040, -27.9600

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.



102.5010, -51.0240, -33.4560



125.6580, 2.1040, 27.9600



117.5040, 23.9830, -21.6570

Square

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



125.6580, 2.1040, 27.9600



122.1730, 53.9170, 8.5490



112.8900, -6.6430, -28.2990



99.5710, -91.6030, -19.4030

Rectangle

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



125.6580, 2.1040, 27.9600



123.1730, 45.8900, 27.3780



112.8900, -6.6430, -28.2990



95.9570, -78.6710, -33.5110

Sweetspot

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



125.6580, 2.1040, 27.9600



204.3350, 0.9150, 10.9550



130.1450, -27.9690, 5.7830



101.9880, 0.2740, 6.0500



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



125.6580, 2.1040, 27.9600



151.0410, 3.0640, 43.6080



132.8620, 19.2050, 31.9170



80.5210, 0.0910, 3.8590



43.7110, 4.8940, 65.5180



6.8080, 0.9610, 10.1210

Inverse Universe

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



129.1000, 29.7980, 21.6540



156.5740, 46.4390, 33.9510



145.1380, -19.2050, -31.9170



81.1470, 4.0800, 3.1520



51.8040, 69.8190, 50.7710



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 125.6580, 2.1040, 27.9600 looks on a white background.

Color Contrast Check

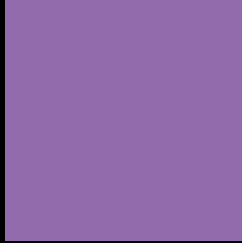
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.6580, 2.1040, 27.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

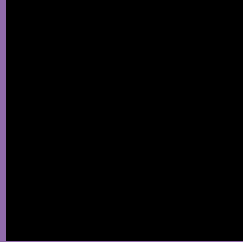
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.6580, 2.1040, 27.9600

Background



This preview shows how black text looks on a background with the YIQ color 125.6580, 2.1040, 27.9600.



This preview shows how white text looks on a background with the YIQ color 125.6580, 2.1040,

27.9600.

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

125.6580, 2.1040, 27.9600

Protanopia

121.3870, -31.2260, 15.2540

Deuteranopia

122.4710, -22.8350, 11.8610



Tritanopia

123.7180, 9.9020, 7.7740

Trichromacy



Original Color

125.6580, 2.1040, 27.9600

Protanomaly

122.7800, -19.0310, 20.0170

Deuteranomaly

123.5370, -14.0330, 17.5430

Tritanomaly

124.6780, 7.3790, 14.9550

Monochromacy



Original Color

125.6580, 2.1040, 27.9600

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8080, 0.9610, 10.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.6580, 2.1040, 27.9600 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(145, 107, 171)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 171)  
}
```

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(145, 107, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 171) }
```

Border

The CSS property to change the border of an element to YIQ 125.6580, 2.1040, 27.9600 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(145, 107, 171) }
```


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

```
.border{ border-color:rgb(145, 107, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 107, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 107, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 107, 171);  
box-shadow:4px 4px 4px 4px rgb(145, 107,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 125.6580, 2.1040, 27.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 107, 171) }
```

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

```
.background{ background-color: rgb(145,  
107, 171) }
```

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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