

Converting Colors

YIQ(124.9740, 4.0300, 26.0940)

Have a look what the booklet for
YIQ(124.9740, 4.0300, 26.0940)
contains.

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Color

**YIQ(124.9740, 4.0300,
26.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	916BA5
RGB	145, 107, 165
RGB Percent	57%, 42%, 65%
CMY	0.4312, 0.5804, 0.3530
CMYK	0.12, 0.35, 0.00, 0.35
HSL	279°, 24%, 53%
HSV	279°, 35%, 65%
XYZ	23.7296, 19.2511, 38.0589
YIQ	124.9740, 4.0300, 26.0940

Conversions

Conversions Part 2

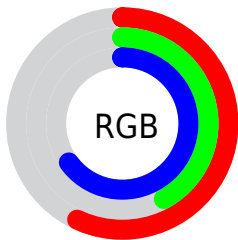
Format	Color
R_{YB}	145, 107, 165
Decimal	9530277
CIE _{Lab}	50.98, 26.13, -25.40
CIE _{LCh}	51, 36.444, 315.812
Yxy	19.2511, 0.2928, 0.2376
Android (android.graphics.Color)	4287720357 (0xFF916BA5)
YUV	124.9740, 19.7328, 17.5628
Hunter-Lab	43.8761, 19.7556, -20.7160

Details

The YIQ color **124.9740, 4.0300, 26.0940** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.0260, -4.0300, -26.0940**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2130, 4.8550, 27.6630**, and **75.3220, 2.9300, 24.0020** is the 20% darker color. If you saturate the color by 10%, you get **113.2010, 5.1290, 33.7130**, and if you desaturate by 10%, it is **136.1600, 3.2060, 18.9980**.

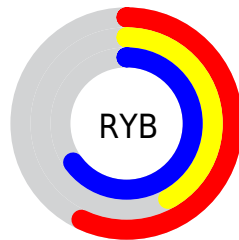
Distribution



Red (57%)

Green (42%)

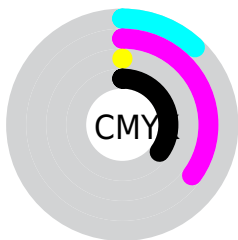
Blue (65%)



Red (57%)

Yellow (42%)

Blue (65%)

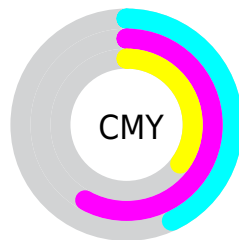


Cyan (12%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (43%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.9740, 4.0300, 26.0940 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 124.9740, 4.0300, 26.0940 by changing the saturation by 10% instead.

124.9740, 4.0300,
26.0940

124.9740, 4.0300,
26.0940

255.0000, -0.0000,
-0.0000

99.5610, 3.7550,
25.5710

178.2130, 4.8550,
27.6630

75.3220, 2.9300,
24.0020

205.7400, 4.8090,
28.4970

51.7950, 2.9760,
23.1680

230.9330, 11.2750,
21.4430

29.0830, 2.1050,
22.4330

247.3690, 3.5750,
6.7990

12.9750, 2.2890,
19.0970

2.9810, -7.0160,
6.0080

0.0000, 0.0000,

0.0000

■ 124.9740, 4.0300,
26.0940

■ 124.9740, 4.0300,
26.0940

■ 113.2010, 5.1290,
33.7130

■ 136.1600, 3.2060,
18.9980

■ 102.3140, 6.5490,
41.0210

■ 147.6340, 1.5110,
11.1670

■ 90.5410, 7.6480,
48.6400

■ 158.8200, 0.6870,
4.0710

■ 79.3550, 8.4720,
55.7360

■ 170.5930, -0.4120,
-3.5480

■ 67.8810, 10.1670,
63.5670

■ 181.4800, -1.8320,
-10.8560

■ 56.6950, 10.9910,
70.6630

■ 193.2530, -2.9310,
-18.4750

■ 51.1020, 11.4030,
74.2110

■ 204.4390, -3.7550,
-25.5710

■ 215.9130, -5.4500,
-33.4020

■ 227.0990, -6.2740,
-40.4980

Harmonies

Analogous

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



120.6860, -30.6300, 15.4660



124.9740, 4.0300, 26.0940



124.6860, 31.2640, 28.1280

Triad

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



124.9740, 4.0300, 26.0940



119.6190, 40.2570, -8.2150



96.0370, -81.6520, -29.0440

Complementary

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



124.9740, 4.0300, 26.0940



147.0260, -4.0300, -26.0940

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.



104.3600, -46.0730, -29.5690



124.9740, 4.0300, 26.0940



117.2910, 20.2690, -20.4270

Square

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



124.9740, 4.0300, 26.0940



121.0800, 49.7450, 7.0650



112.8730, -7.9730, -26.2210



98.0550, -90.0900, -19.2900

Rectangle

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



124.9740, 4.0300, 26.0940



123.3960, 43.6440, 24.0280



112.8730, -7.9730, -26.2210



94.8970, -78.4420, -32.1540

Sweetspot

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



124.9740, 4.0300, 26.0940



198.1070, 1.5570, 10.3330



125.3520, -24.1180, 7.5780



97.2870, 0.8700, 6.2620



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



124.9740, 4.0300, 26.0940



151.9010, 6.2740, 40.4980



129.9280, 18.8390, 27.5350



75.8200, 0.6870, 4.0710



44.9350, 10.0750, 65.2350



5.6400, 1.3740, 8.1420

Inverse Universe

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



126.6220, 28.1480, 18.5160



154.4440, 43.6890, 28.7210



142.0720, -18.8390, -27.5350



76.0330, 4.4010, 2.8410



49.0550, 70.3700, 46.2900



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 124.9740, 4.0300, 26.0940 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 124.9740, 4.0300, 26.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

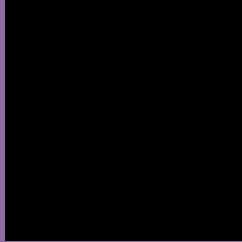
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.9740, 4.0300, 26.0940

Background



This preview shows how black text looks on a background with the YIQ color 124.9740, 4.0300, 26.0940.



This preview shows how white text looks on a background with the YIQ color 124.9740, 4.0300,

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

124.9740, 4.0300, 26.0940

Protanopia

121.4860, -27.1910, 13.7130

Deuteranopia

122.0970, -18.8460, 11.1540



Tritanopia

123.2020, 11.4150, 7.8870

Trichromacy



Original Color

124.9740, 4.0300, 26.0940

Protanomaly

122.5800, -15.5920, 18.2640

Deuteranomaly

122.8640, -10.6400, 16.6240

Tritanomaly

123.7490, 8.6170, 14.5450

Monochromacy



Original Color

124.9740, 4.0300, 26.0940

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.6940, 1.2820, 9.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.9740, 4.0300, 26.0940 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 165) }
```

Border

The CSS property to change the border of an element to YIQ 124.9740, 4.0300, 26.0940 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, 165) }
```


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

```
.border{ border-color:rgb(145, 107, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 107, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 107, 165);  
box-shadow:4px 4px 4px 4px rgb(145, 107,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 124.9740, 4.0300, 26.0940 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, 165) }
```

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

```
.background{ background-color: rgb(145,  
107, 165) }
```

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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