

Converting Colors

YIQ(124.7310, 9.0280, 23.6200)

Have a look what the booklet for
YIQ(124.7310, 9.0280, 23.6200)
contains.

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Color

**YIQ(124.7310, 9.0280,
23.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	946B9B
RGB	148, 107, 155
RGB Percent	58%, 42%, 61%
CMY	0.4195, 0.5804, 0.3922
CMYK	0.04, 0.31, 0.00, 0.39
HSL	291°, 19%, 51%
HSV	291°, 31%, 61%
XYZ	23.3909, 19.1773, 33.4789
YIQ	124.7310, 9.0280, 23.6200

Conversions

Conversions Part 2

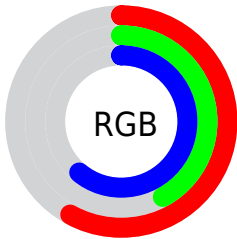
Format	Color
R_{YB}	148, 107, 155
Decimal	9726875
CIE _{Lab}	50.89, 25.00, -19.66
CIE _{LCh}	51, 31.799, 321.822
Yxy	19.1773, 0.3076, 0.2522
Android (android.graphics.Color)	4287916955 (0xFF946B9B)
YUV	124.7310, 14.9226, 20.4069
Hunter-Lab	43.7919, 18.7078, -14.6729

Details

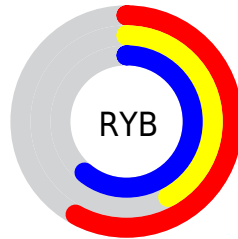
The YIQ color **124.7310, 9.0280, 23.6200** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.2690, -9.0280, -23.6200**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9700, 9.8530, 25.1890**, and **75.1930, 7.6070, 21.8390** is the 20% darker color. If you saturate the color by 10%, you get **114.7410, 12.2360, 31.5640**, and if you desaturate by 10%, it is **134.1340, 6.0950, 16.1990**.

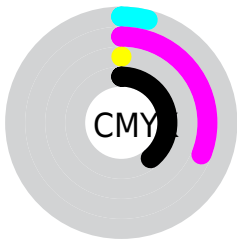
Distribution



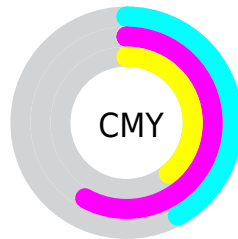
- Red (58%)
- Green (42%)
- Blue (61%)



- Red (58%)
- Yellow (42%)
- Blue (61%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7310, 9.0280, 23.6200 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 124.7310, 9.0280, 23.6200 by changing the saturation by 10% instead.

■ 124.7310, 9.0280,
23.6200

■ 124.7310, 9.0280,
23.6200

■ 255.0000, -0.0000,
-0.0000

■ 99.3180, 8.7530,
23.0970

■ 177.9700, 9.8530,
25.1890

■ 75.1930, 7.6070,
21.8390

■ 205.3830, 10.1280,
25.7120

■ 51.6660, 7.6530,
21.0050

■ 230.9330, 11.2750,
21.4430

■ 29.2530, 7.3780,
20.4820

■ 247.3690, 3.5750,
6.7990

■ 13.2590, 7.2410,
17.4570

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,

0.0000

■ 124.7310, 9.0280,
23.6200

■ 124.7310, 9.0280,
23.6200

■ 114.7410, 12.2360,
31.5640

■ 134.1340, 6.0950,
16.1990

■ 105.3380, 15.1690,
38.9850

■ 144.4230, 3.4830,
8.4670

■ 95.0490, 17.7810,
46.7170

■ 153.8260, 0.5500,
1.0460

■ 85.6460, 20.7140,
54.1380

■ 163.8160, -2.6580,
-6.8980

■ 75.6560, 23.9220,
62.0820

■ 173.2190, -5.5910,
-14.3190

■ 66.2530, 26.8550,
69.5030

■ 183.5080, -8.2030,
-22.0510

■ 57.4370, 29.5130,
76.4010

■ 192.9110,
-11.1360, -29.4720

■ 202.9010,
-14.3440, -37.4160

■ 212.3040,
-17.2770, -44.8370

Harmonies

Analogous

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



121.9600, -19.7180, 15.9460



124.7310, 9.0280, 23.6200



124.0510, 31.4940, 23.9580

Triad

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



124.7310, 9.0280, 23.6200



119.6720, 32.7380, -9.6140



95.2050, -82.0650, -27.0650

Complementary

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



124.7310, 9.0280, 23.6200



137.2690, -9.0280, -23.6200

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.



106.7780, -44.1940, -25.0740



124.7310, 9.0280, 23.6200



117.5230, 13.8040, -18.9000

Square

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



124.7310, 9.0280, 23.6200



121.8510, 42.9600, 3.3760



113.4150, -12.3750, -23.5350



96.0660, -88.6230, -18.3430

Rectangle

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



124.7310, 9.0280, 23.6200



123.3800, 40.5730, 19.1090



113.4150, -12.3750, -23.5350



96.5600, -75.8750, -29.1150

Sweetspot

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



124.7310, 9.0280, 23.6200



189.8360, 3.7580, 8.9900



116.5810, -17.3330, 11.2670



94.9450, 1.8330, 5.3290



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



124.7310, 9.0280, 23.6200



154.5720, 14.3900, 36.5820



124.8860, 18.6570, 19.8170



71.7060, 1.0080, 3.7600



51.8400, 26.5800, 68.9800



4.7710, 2.3830, 6.3750

Inverse Universe

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



122.1500, 26.3610, 12.3530



150.3800, 40.5730, 19.1090



137.1140, -18.6570, -19.8170



71.5060, 4.4470, 2.0070



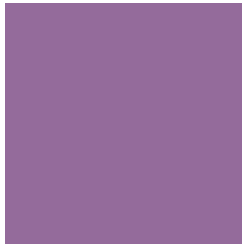
44.1400, 77.0200, 35.9000



4.1150, 7.1060, 3.3780

Previews

White Background



This preview shows how the YIQ color 124.7310, 9.0280, 23.6200 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 124.7310, 9.0280, 23.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

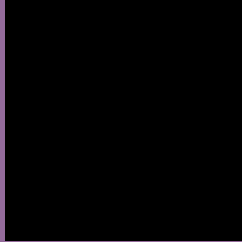
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.7310, 9.0280, 23.6200

Background



This preview shows how black text looks on a background with the YIQ color 124.7310, 9.0280, 23.6200.



This preview shows how white text looks on a background with the YIQ color 124.7310, 9.0280,

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

124.7310, 9.0280, 23.6200

Protanopia

121.8410, -21.0010, 11.6630

Deuteranopia

122.2780, -12.1060, 10.1500



Tritanopia

122.9960, 14.9910, 9.1590

Trichromacy



Original Color

124.7310, 9.0280, 23.6200

Protanomaly

122.6360, -9.9980, 16.0020

Deuteranomaly

123.3330, -4.7710, 14.8850

Tritanomaly

123.7880, 12.8810, 14.3610

Monochromacy



Original Color

124.7310, 9.0280, 23.6200

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.5370, 3.1620, 8.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7310, 9.0280, 23.6200 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(148, 107, 155)` looks like.

```
.text, #text, p{  
    color:rgb(148, 107, 155)  
}
```

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(148, 107, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 107, 155) }
```

Border

The CSS property to change the border of an element to YIQ 124.7310, 9.0280, 23.6200 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(148, 107, 155) }
```


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

```
.border{ border-color:rgb(148, 107, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 107, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 107, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 107, 155);  
box-shadow:4px 4px 4px 4px rgb(148, 107,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7310, 9.0280, 23.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 107, 155) }
```

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

```
.background{ background-color: rgb(148,  
107, 155) }
```

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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