

Converting Colors

YIQ(124.6080, 13.5680, 18.4320)

Have a look what the booklet for
YIQ(124.6080, 13.5680, 18.4320)
contains.

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Color

**YIQ(124.6080, 13.5680,
18.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	956D8D
RGB	149, 109, 141
RGB Percent	58%, 43%, 55%
CMY	0.4156, 0.5726, 0.4470
CMYK	0.00, 0.27, 0.05, 0.42
HSL	312°, 16%, 51%
HSV	312°, 27%, 58%
XYZ	22.6749, 19.2493, 27.7226
YIQ	124.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

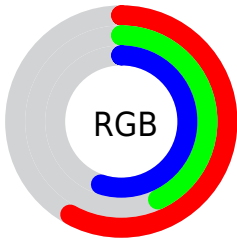
Format	Color
R_{YB}	149, 109, 141
Decimal	9792909
CIE _{Lab}	50.98, 21.41, -11.28
CIE _{LCh}	51, 24.198, 332.207
Yxy	19.2493, 0.3256, 0.2764
Android (android.graphics.Color)	4287982989 (0xFF956D8D)
YUV	124.6080, 8.0813, 21.3918
Hunter-Lab	43.8741, 15.4724, -6.7516

Details

The YIQ color $124.6080, 13.5680, 18.4320$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $133.3920, -13.5680, -18.4320$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.7330, 14.7140, 19.6900$, and $75.4830, 12.4220, 17.1740$ is the 20% darker color. If you saturate the color by 10%, you get $115.4610, 18.6560, 25.3440$, and if you desaturate by 10%, it is $133.7550, 8.4800, 11.5200$.

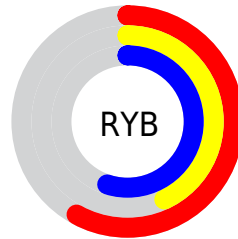
Distribution



Red (58%)

Green (43%)

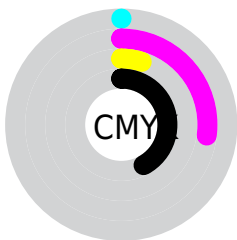
Blue (55%)



Red (58%)

Yellow (43%)

Blue (55%)

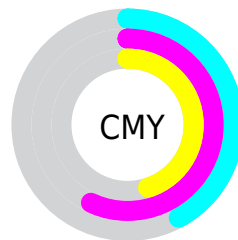


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.6080, 13.5680, 18.4320 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 124.6080, 13.5680, 18.4320 by changing the saturation by 10% instead.

124.6080, 13.5680,
18.4320

124.6080, 13.5680,
18.4320

255.0000, -0.0000,
-0.0000

99.1950, 13.2930,
17.9090

177.7330, 14.7140,
19.6900

75.4830, 12.4220,
17.1740

205.1460, 14.9890,
20.2130

51.7710, 11.5510,
16.4390

231.6510, 12.0090,
19.1530

30.0590, 10.6800,
15.7040

248.5430, 3.0250,
5.7530

12.4180, 11.0470,
14.5590

0.0000, 0.0000,
0.0000

■ 124.6080, 13.5680,
18.4320

■ 124.6080, 13.5680,
18.4320

■ 115.4610, 18.6560,
25.3440

■ 133.7550, 8.4800,
11.5200

■ 106.3140, 23.7440,
32.2560

■ 142.9020, 3.3920,
4.6080

■ 97.1670, 28.8320,
39.1680

■ 152.0490, -1.6960,
-2.3040

■ 88.0200, 33.9200,
46.0800

■ 161.1960, -6.7840,
-9.2160

■ 78.8730, 39.0080,
52.9920

■ 170.3430,
-11.8720, -16.1280

■ 70.3130, 43.8210,
59.3810

■ 178.9030,
-16.6850, -22.5170

■ 61.1660, 48.9090,
66.2930


■ 188.0500,
-21.7730, -29.4290

■ 58.1170, 50.6050,

■ 197.1970,

68.5970

-26.8610, -36.3410

 206.3440,
-31.9490, -43.2530

Harmonies

Analogous

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



123.5500, -6.8800, 14.5600



124.6080, 13.5680, 18.4320



124.1550, 27.9650, 16.3250

Triad

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



124.6080, 13.5680, 18.4320



120.2130, 20.9090, -9.9950



109.6330, -50.6150, -13.3270

Complementary

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



124.6080, 13.5680, 18.4320



133.3920, -13.5680, -18.4320

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.



111.4140, -36.9970, -17.8370



124.6080, 13.5680, 18.4320



117.8410, 4.2210, -15.9310

Square

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



124.6080, 13.5680, 18.4320



122.0560, 31.9570, -0.9630



114.8370, -16.3190, -18.1350



113.6540, -45.9400, -4.4360

Rectangle

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



124.6080, 13.5680, 18.4320



123.7440, 33.3760, 11.8720



114.8370, -16.3190, -18.1350



110.0200, -47.4510, -15.6030

Sweetspot

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



124.6080, 13.5680, 18.4320



184.2660, 5.3630, 7.4350



115.9520, -8.0720, 14.1360



90.9020, 3.3920, 4.6080



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



124.6080, 13.5680, 18.4320



156.1240, 21.2230, 28.3830



122.3280, 19.9880, 12.2120



69.6630, 2.5670, 3.0390



53.8020, 46.9380, 63.4660



3.9020, 3.3920, 4.6080

Inverse Universe

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



124.6080, 13.5680, 18.4320



156.1240, 21.2230, 28.3830



135.6720, -19.9880, -12.2120



69.6630, 2.5670, 3.0390



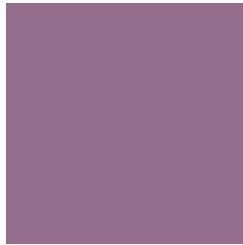
53.8020, 46.9380, 63.4660



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 124.6080, 13.5680, 18.4320 looks on a white background.

Color Contrast Check

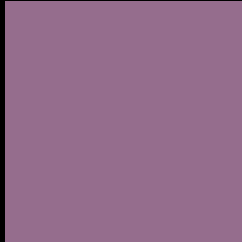
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.6080, 13.5680, 18.4320 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 124.6080, 13.5680, 18.4320

Background



This preview shows how black text looks on a background with the YIQ color 124.6080, 13.5680, 18.4320.



This preview shows how white text looks on a background with the YIQ color 124.6080, 13.5680,

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

124.6080, 13.5680, 18.4320

Protanopia

122.3980, -12.5640, 7.4360

Deuteranopia

123.0740, -2.8440, 7.4920



Tritanopia

123.7790, 17.1000, 9.4840

Trichromacy



Original Color

124.6080, 13.5680, 18.4320

Protanomaly

123.2960, -3.3490, 11.1390

Deuteranomaly

123.5310, 3.2990, 11.8030

Tritanomaly

124.2890, 15.7240, 12.3960

Monochromacy



Original Color

124.6080, 13.5680, 18.4320

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8530, 5.0880, 6.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.6080, 13.5680, 18.4320 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(149, 109, 141)` looks like.

```
.text, #text, p{  
    color:rgb(149, 109, 141)  
}
```

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(149, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 109, 141) }
```

Border

The CSS property to change the border of an element to YIQ 124.6080, 13.5680, 18.4320 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(149, 109, 141) }
```


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

```
.border{ border-color:rgb(149, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 109, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 109, 141);  
box-shadow:4px 4px 4px 4px rgb(149, 109,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 124.6080, 13.5680, 18.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 109, 141) }
```

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

```
.background{ background-color: rgb(149,  
109, 141) }
```

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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