

Converting Colors

YIQ(125.8360, 12.9260, 19.0540)

Have a look what the booklet for
YIQ(125.8360, 12.9260, 19.0540)
contains.

YIQ(125.8360, 12.9260, 19.0540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(125.8360, 12.9260,
19.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	966E90
RGB	150, 110, 144
RGB Percent	59%, 43%, 56%
CMY	0.4116, 0.5687, 0.4353
CMYK	0.00, 0.27, 0.04, 0.41
HSL	309°, 16%, 51%
HSV	309°, 27%, 59%
XYZ	23.1918, 19.6489, 28.9584
YIQ	125.8360, 12.9260, 19.0540

Conversions

Conversions Part 2

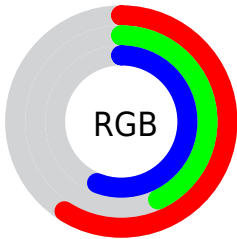
Format	Color
R_{YB}	150, 110, 144
Decimal	9858704
CIE _{Lab}	51.44, 21.76, -12.35
CIE _{LCh}	51, 25.019, 330.432
Yxy	19.6489, 0.3230, 0.2737
Android (android.graphics.Color)	4288048784 (0xFF966E90)
YUV	125.8360, 8.9549, 21.1918
Hunter-Lab	44.3271, 15.8182, -7.7045

Details

The YIQ color **125.8360, 12.9260, 19.0540** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.1640, -12.9260, -19.0540**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9610, 14.0720, 20.3120**, and **76.7110, 11.7800, 17.7960** is the 20% darker color. If you saturate the color by 10%, you get **116.8030, 17.6930, 26.2770**, and if you desaturate by 10%, it is **134.8690, 8.1590, 11.8310**.

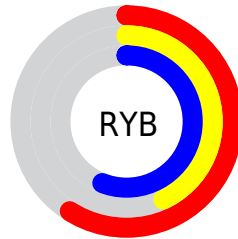
Distribution



Red (59%)

Green (43%)

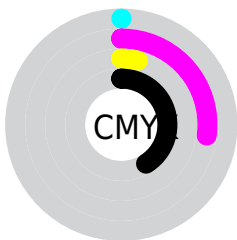
Blue (56%)



Red (59%)

Yellow (43%)

Blue (56%)

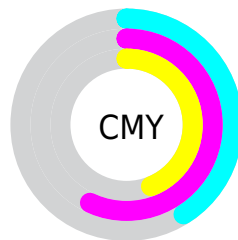


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (41%)



Cyan (41%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.8360, 12.9260, 19.0540 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 125.8360, 12.9260, 19.0540 by changing the saturation by 10% instead.

125.8360, 12.9260,
19.0540

125.8360, 12.9260,
19.0540

255.0000, -0.0000,
-0.0000

100.4230, 12.6510,
18.5310

178.9610, 14.0720,
20.3120

76.7110, 11.7800,
17.7960

206.3740, 14.3470,
20.8350

52.9990, 10.9090,
17.0610

232.6940, 10.4500,
19.8740

30.7000, 10.3130,
16.8490

249.7170, 2.4750,
4.7070

12.6460, 10.4050,
15.1810

0.0000, 0.0000,
0.0000

125.8360, 12.9260,
19.0540

125.8360, 12.9260,
19.0540

116.8030, 17.6930,
26.2770

134.8690, 8.1590,
11.8310

107.6560, 22.7810,
33.1890

144.0160, 3.0710,
4.9190

98.6230, 27.5480,
40.4120

153.0490, -1.6960,
-2.3040

89.5900, 32.3150,
47.6350

162.0820, -6.4630,
-9.5270

80.5570, 37.0820,
54.8580

171.1150,
-11.2300, -16.7500

71.4100, 42.1700,
61.7700

180.2620,
-16.3180, -23.6620

62.3770, 46.9370,
68.9930


189.2950,
-21.0850, -30.8850

59.3280, 48.6330,

198.3280,

71.2970

-25.8520, -38.1080

 207.3610,
-30.6190, -45.3310

Harmonies

Analogous

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



124.4790, -8.1180, 14.9700



125.8360, 12.9260, 19.0540



125.5680, 28.2400, 16.8480

Triad

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



125.8360, 12.9260, 19.0540



121.1100, 22.6970, -9.3590



110.2090, -52.3570, -14.7970

Complementary

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



125.8360, 12.9260, 19.0540



134.1640, -12.9260, -19.0540

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.



112.0010, -37.2720, -18.3600



125.8360, 12.9260, 19.0540



118.9120, 5.4590, -16.3410

Square

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



125.8360, 12.9260, 19.0540



123.0670, 33.4240, -0.0160



115.6090, -15.6770, -18.7570



113.5720, -48.6450, -4.9730

Rectangle

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



125.8360, 12.9260, 19.0540



124.5700, 33.9260, 12.9180



115.6090, -15.6770, -18.7570



110.1230, -49.2390, -16.2390

Sweetspot

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



125.8360, 12.9260, 19.0540



184.2660, 5.3630, 7.4350



116.3540, -9.2640, 13.7120



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.



125.8360, 12.9260, 19.0540



156.4660, 20.2600, 29.3160



123.5560, 19.3460, 12.8340



69.7770, 2.2460, 3.3500



54.6000, 44.6910, 65.6430



4.0160, 3.0710, 4.9190

Inverse Universe

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



125.8360, 12.9260, 19.0540



156.4660, 20.2600, 29.3160



136.4440, -19.3460, -12.8340



69.7770, 2.2460, 3.3500



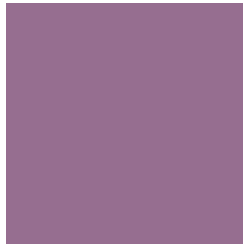
54.6000, 44.6910, 65.6430



4.0160, 3.0710, 4.9190

Previews

White Background



This preview shows how the YIQ color 125.8360, 12.9260, 19.0540 looks on a white background.

Color Contrast Check

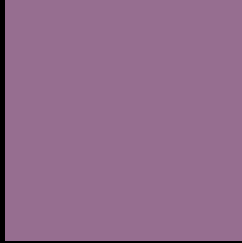
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.8360, 12.9260, 19.0540 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 125.8360, 12.9260, 19.0540

Background



This preview shows how black text looks on a background with the YIQ color 125.8360, 12.9260, 19.0540.



This preview shows how white text looks on a background with the YIQ color 125.8360, 12.9260,

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

125.8360, 12.9260, 19.0540

Protanopia

123.6260, -13.2060, 8.0580

Deuteranopia

124.3020, -3.4860, 8.1140



Tritanopia

124.8930, 16.7790, 9.7950

Trichromacy



Original Color

125.8360, 12.9260, 19.0540

Protanomaly

124.5240, -3.9910, 11.7610

Deuteranomaly

124.7590, 2.6570, 12.4250

Tritanomaly

125.5170, 15.0820, 13.0180

Monochromacy



Original Color

125.8360, 12.9260, 19.0540

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9670, 4.7670, 7.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.8360, 12.9260, 19.0540 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(150, 110, 144)` looks like.

```
.text, #text, p{  
    color:rgb(150, 110, 144)  
}
```

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(150, 110, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 110, 144) }
```

Border

The CSS property to change the border of an element to YIQ 125.8360, 12.9260, 19.0540 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(150, 110, 144) }
```


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

```
.border{ border-color:rgb(150, 110, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 110, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 110, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 110, 144);  
box-shadow:4px 4px 4px 4px rgb(150, 110,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 125.8360, 12.9260, 19.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 110, 144) }
```

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

```
.background{ background-color: rgb(150,  
110, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor