Converting Colors

YIQ(125.4790, 18.2450, 16.2690)

Have a look what the booklet for YIQ(125.4790, 18.2450, 16.2690) contains.

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Color

YIQ(125.4790, 18.2450, 16.2690)

Conversions

Conversions Part 1

Format	Color
Hex	996E85
RGB	153, 110, 133
RGB Percent	60%, 43%, 52%
CMY	0.3999, 0.5687, 0.4784
CMYK	0.00, 0.28, 0.13, 0.40
HSL	328°, 17%, 52%
HSV	328°, 28%, 60%
XYZ	22.9511, 19.6170, 24.7722
YIQ	125.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

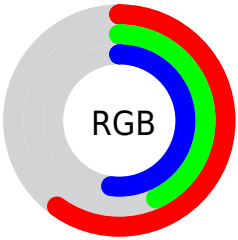
Format	Color
RYB	153, 110, 133
Decimal	10055301
CIELab	51.40, 20.83, -5.89
CIELCh	51, 21.649, 344.224
Yxy	19.6170, 0.3408, 0.2913
Android (android.graphics.Color)	4288245381 (0xFF996E85)
YUV	125.4790, 3.7079, 24.1359
Hunter-Lab	44.2911, 14.9870, -2.1573

Details

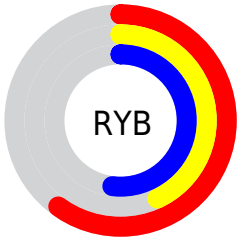
The YIQ color 125.4790, 18.2450, 16.2690 is a dark color, and the websafe version is hex 996666. A complement of this color would be 137.5210, -18.2450, -16.2690, and the grayscale version is 125.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 178.4900, 19.7120, 17.2160, and 76.1690, 16.1820, 15.1100 is the 20% darker color. If you saturate the color by 10%, you get 115.8760, 24.6170, 21.9370, and if you desaturate by 10%, it is 135.0820, 11.8730, 10.6010.

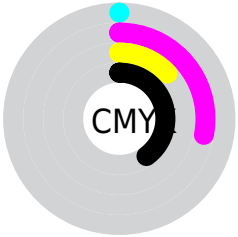
Distribution



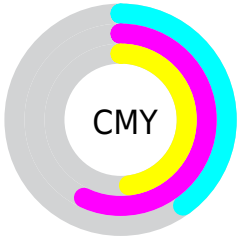
- Red (60%)
- Green (43%)
- Blue (52%)



- Red (60%)
- Yellow (43%)
- Blue (52%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.4790, 18.2450, 16.2690 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 125.4790, 18.2450, 16.2690 by changing the saturation by 10% instead.

125.4790, 18.2450, 16.2690

255.0000, -0.0000, -0.0000

178.4900, 19.7120, 17.2160

205.9030, 19.9870, 17.7390

231.2120, 14.6230, 15.8310

249.7170, 2.4750, 4.7070

125.4790, 18.2450, 16.2690

100.1800, 17.6490, 16.0570

76.1690, 16.1820, 15.1100

52.7560, 15.9070, 14.5870

30.2720, 14.3940, 14.4740

12.2180, 14.4860, 12.8060

0.0000, 0.0000, 0.0000

125.4790, 18.2450, 16.2690

125.4790, 18.2450, 16.2690

115.8760, 24.6170, 21.9370

135.0820, 11.8730, 10.6010

105.6860, 31.2640, 28.1280

145.2720, 5.2260, 4.4100

96.0830, 37.6360, 33.7960

154.8750, -1.1460, -1.2580

86.4800, 44.0080, 39.4640

164.4780, -7.5180, -6.9260

76.1760, 50.9760, 45.3440

174.7820, -14.4860, -12.8060

66.5730, 57.3480, 51.0120

184.3850, -20.8580, -18.4740

56.9700, 63.7200, 56.6800

193.9880, -27.2300, -24.1420

55.0950, 64.8660,

203.5910,

57.9380

-33.6020, -29.8100

213.7810, -40.2490, -36.0010

Harmonies

Analogous

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

125.1550, 1.6020, 15.0260

125.4790, 18.2450, 16.2690

124.8190, 28.7910, 12.3670

Triad

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

125.4790, 18.2450, 16.2690

120.5650, 13.9860, -11.1820

114.1010, -43.0050, -8.0690

Complementary

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

125.4790, 18.2450, 16.2690

137.5210, -18.2450, -16.2690

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.

113.6360, -37.5020, -14.1900

125.4790, 18.2450, 16.2690

118.3610, -3.1150, -15.1390

Square

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

125.4790, 18.2450, 16.2690

122.5390, 26.0430, -3.9170

115.6670, -21.5920, -16.1840

118.2750, -34.3870, 0.9490

Rectangle

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

125.4790, 18.2450, 16.2690

124.4400, 31.1760, 7.6880

115.6670, -21.5920, -16.1840

113.5200, -42.8670, -10.5710

Sweetspot

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

125.4790, 18.2450, 16.2690

188.8100, 6.6470, 6.1910

120.5830, -2.4790, 17.4010

93.2610, 3.7590, 3.4630

227.0000, -0.0000, -0.0000

99.0000, -0.0000, 0.0000

Same Dimension

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

125.4790, 18.2450, 16.2690

155.4360, 28.9720, 25.6120

123.0850, 24.9860, 9.7380

71.8480, 3.4840, 2.9400

50.4100, 59.3650, 53.0050

4.6850, 5.5010, 4.9330

Inverse Universe

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

125.4790, 18.2450, 16.2690

155.4360, 28.9720, 25.6120

139.9150, -24.9860, -9.7380

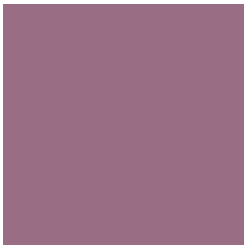
71.8480, 3.4840, 2.9400

50.4100, 59.3650, 53.0050

4.6850, 5.5010, 4.9330

Previews

White Background

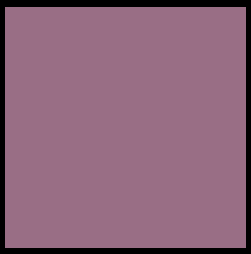


This preview shows how the YIQ color 125.4790, 18.2450, 16.2690 looks on a white background.

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



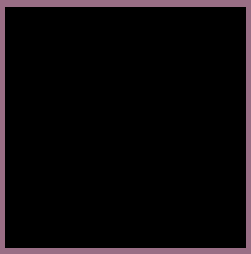
This preview shows how the YIQ color 125.4790, 18.2450, 16.2690 looks on a black background.

Color Contrast Check

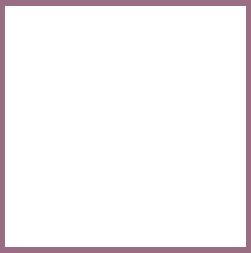
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YIQ 125.4790, 18.2450, 16.2690 Background



This preview shows how black text looks on a background with the YIQ color 125.4790, 18.2450, 16.2690.



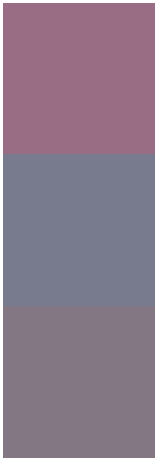
This preview shows how white text looks on a background with the YIQ color 125.4790, 18.2450,

16.2690.

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
125.4790, 18.2450, 16.2690

Protanopia
123.5680, -7.2910, 5.4850

Deuteranopia
123.9560, 3.3000, 6.2760

Tritanopia
124.9860, 20.9510, 11.2790

Trichromacy

Original Color
125.4790, 18.2450, 16.2690

Protanomaly
124.4660, 1.9240, 9.1880

Deuteranomaly
124.7010, 8.5720, 9.8520

Tritanomaly
124.8550, 19.9420, 13.0460

Monochromacy

Original Color
125.4790, 18.2450, 16.2690

Achromatopsia
125.0000, 0.0000, 0.0000

Achromatomaly
125.3970, 6.3720, 5.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.4790, 18.2450, 16.2690 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(153, 110, 133) looks like.

```
.text, #text, p{
    color:rgb(153, 110, 133)
}
```

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(153, 110, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 133) }
```

Border

The CSS property to change the border of an element to YIQ 125.4790, 18.2450, 16.2690 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(153, 110, 133) }
```

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

```
.border{ border-color:rgb(153, 110, 133) }
```

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

Here you see how a box with a 4 pixel rgb(153, 110, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 110, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 110, 133); box-shadow:4px 4px 4px 4px rgb(153, 110, 133) }
```

Background

The CSS property to change the background color of an element to YIQ 125.4790, 18.2450, 16.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(153, 110, 133) }
```

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

```
.background{ background-color:rgb(153,
110, 133) }
```

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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