

Converting Colors

YIQ(90.4790, 18.2450, 16.2690)

Have a look what the booklet for
YIQ(90.4790, 18.2450, 16.2690)
contains.

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Color

**YIQ(90.4790, 18.2450,
16.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	764B62
RGB	118, 75, 98
RGB Percent	46%, 29%, 38%
CMY	0.5371, 0.7059, 0.6156
CMYK	0.00, 0.36, 0.17, 0.54
HSL	328°, 22%, 38%
HSV	328°, 36%, 46%
XYZ	12.1954, 9.7655, 12.8009
YIQ	90.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

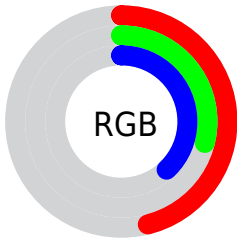
Format	Color
R_{YB}	118, 75, 98
Decimal	7752546
CIE _{Lab}	37.42, 21.94, -5.88
CIE _{LCh}	37, 22.710, 345.003
Yxy	9.7655, 0.3508, 0.2809
Android (android.graphics.Color)	4285942626 (0xFF764B62)
YUV	90.4790, 3.7079, 24.1359
Hunter-Lab	31.2497, 14.9736, -2.4123

Details

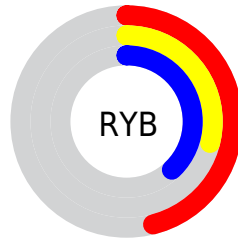
The YIQ color **90.4790, 18.2450, 16.2690** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102.5210, -18.2450, -16.2690**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.9030, 19.9870, 17.7390**, and **43.2830, 15.8610, 15.4210** is the 20% darker color. If you saturate the color by 10%, you get **82.8650, 23.1500, 20.9900**, and if you desaturate by 10%, it is **98.2070, 13.0190, 11.8590**.

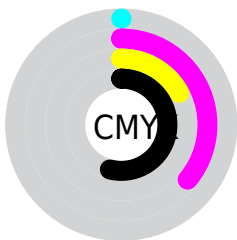
Distribution



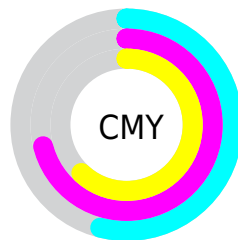
- Red (46%)
- Green (29%)
- Blue (38%)



- Red (46%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (54%)



- Cyan (54%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.4790, 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 90.4790, 18.2450, 16.2690 by changing the saturation by 10% instead.

■ 90.4790, 18.2450,
16.2690

■ 90.4790, 18.2450,
16.2690

255.0000, -0.0000,
-0.0000

■ 66.7670, 17.3740,
15.5340

■ 140.9030, 19.9870,
17.7390

■ 43.2830, 15.8610,
15.4210

■ 168.0880, 20.9040,
17.6400

■ 21.6850, 14.6690,
14.9970

■ 194.9140, 21.4540,
18.6860

■ 7.0340, 11.8280,
5.9080

■ 222.9140, 21.4540,
18.6860

■ 0.0000, 0.0000,
0.0000

■ 242.0860, 6.0500,
11.5060

90.4790, 18.2450,
16.2690

90.4790, 18.2450,
16.2690

82.8650, 23.1500,
20.9900

98.2070, 13.0190,
11.8590

75.1370, 28.3760,
25.4000

105.8210, 8.1140,
7.1380

68.1100, 33.0060,
29.5980

112.8480, 3.4840,
2.9400

60.3820, 38.2320,
34.0080

120.5760, -1.7420,
-1.4700

52.7680, 43.1370,
38.7290

128.1900, -6.6470,
-6.1910

45.0400, 48.3630,
43.1390

135.9180,
-11.8730, -10.6010

42.4640, 50.1050,
44.6090

143.5320,
-16.7780, -15.3220

150.6730,

-21.7290, -19.2090

■ 158.2870,
-26.6340, -23.9300

Harmonies

Analogous

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



90.4540, 2.1980, 15.2380



90.4790, 18.2450, 16.2690



89.5200, 28.1950, 12.1550

Triad

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



90.4790, 18.2450, 16.2690



85.9670, 12.7940, -11.6060



74.6160, -51.9450, -11.2490

Complementary

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



90.4790, 18.2450, 16.2690



102.5210, -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.



75.4610, -44.3790, -16.2110



90.4790, 18.2450, 16.2690



84.0620, -3.7110, -15.3510

Square

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



90.4790, 18.2450, 16.2690



87.6420, 24.2550, -4.5530



80.1830, -23.1050, -16.2970



82.3670, -37.6420, -0.6340

Rectangle

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



90.4790, 18.2450, 16.2690



88.8420, 29.9840, 7.2640



80.1830, -23.1050, -16.2970



73.7360, -52.4030, -13.9630

Sweetspot

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



90.4790, 18.2450, 16.2690



142.1090, 7.2430, 6.4030



85.5830, -2.4790, 17.4010



70.5600, 4.3550, 3.6750



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



90.4790, 18.2450, 16.2690



110.1370, 28.3760, 25.4000



88.0850, 24.9860, 9.7380



55.1360, 2.6130, 2.2050



43.8880, 51.8470, 46.0790



90.0260, 105.9860, 94.6740

Inverse Universe

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



90.4790, 18.2450, 16.2690



110.1370, 28.3760, 25.4000



104.9150, -24.9860, -9.7380



55.1360, 2.6130, 2.2050



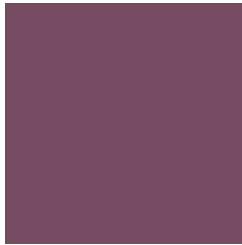
43.8880, 51.8470, 46.0790



90.0260, 105.9860, 94.6740

Previews

White Background



This preview shows how the YIQ color 90.4790, 18.2450, 16.2690 looks on a white background.

Color Contrast Check

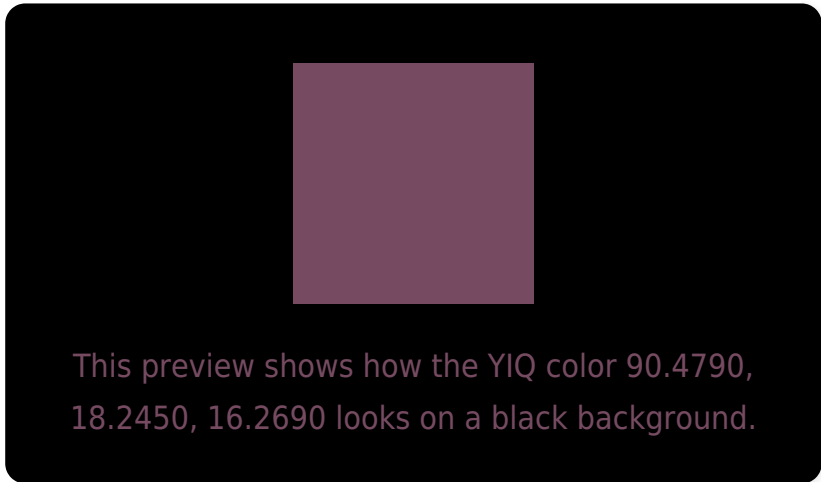
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

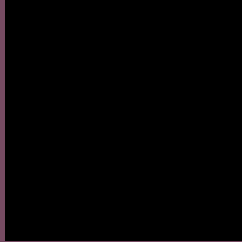
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.4790, 18.2450, 16.2690

Background



This preview shows how black text looks on a background with the YIQ color 90.4790, 18.2450, 16.2690.



This preview shows how white text looks on a background with the YIQ color 90.4790, 18.2450,

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

90.4790, 18.2450, 16.2690

Protanopia

88.8560, -8.1620, 4.7500

Deuteranopia

89.2330, 0.9620, 4.5940



Tritanopia

90.0460, 20.7220, 9.9220

Trichromacy



Original Color

90.4790, 18.2450, 16.2690

Protanomaly

89.1670, 1.3280, 8.9760

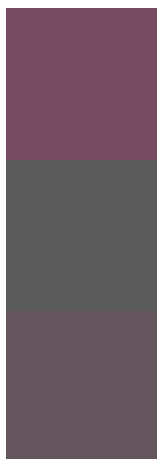
Deuteranomaly

89.6900, 7.1050, 8.9050

Tritanomaly

90.3280, 19.9880, 12.2120

Monochromacy



Original Color

90.4790, 18.2450, 16.2690

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.3970, 6.3720, 5.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.4790, 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(118, 75, 98)` looks like.

```
.text, #text, p{  
    color:rgb(118, 75, 98)  
}
```

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(118, 75, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 75, 98) }
```

Border

The CSS property to change the border of an element to YIQ 90.4790, 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(118, 75, 98) }
```


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

```
.border{ border-color:rgb(118, 75, 98) }
```

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

Here you see how a box with a 4 pixel rgb(118, 75, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 75, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 75, 98);  
box-shadow:4px 4px 4px 4px rgb(118, 75,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 90.4790, 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(118, 75, 98) }
```

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

```
.background{ background-color: rgb(118, 75,  
98) }
```

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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