

# Converting Colors

YIQ(91.9590, 25.5810, 15.4770)

Have a look what the booklet for  
YIQ(91.9590, 25.5810, 15.4770)  
contains.

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# Color

**YIQ(91.9590, 25.5810,  
15.4770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E4B5A
RGB	126, 75, 90
RGB Percent	49%, 29%, 35%
CMY	0.5058, 0.7060, 0.6470
CMYK	0.00, 0.41, 0.29, 0.51
HSL	342°, 25%, 39%
HSV	342°, 41%, 49%
XYZ	12.9702, 10.2060, 10.9643
YIQ	91.9590, 25.5810, 15.4770

# Conversions

## Conversions Part 2

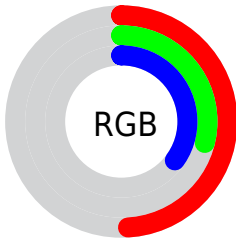
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 75, 90
Decimal	8276826
CIE Lab	38.21, 23.76, 0.42
CIE LCh	38, 23.760, 1.007
Yxy	10.2060, 0.3799, 0.2989
Android (android.graphics.Color)	4286466906 (0xFF7E4B5A)
YUV	91.9590, -0.9658, 29.8540
Hunter-Lab	31.9468, 16.5628, 2.0141

# Details

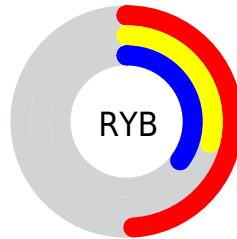
The YIQ color **91.9590, 25.5810, 15.4770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.0410, -25.5810, -15.4770**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **143.1550, 27.9650, 16.3250**, and **44.5780, 22.2800, 14.7280** is the 20% darker color. If you saturate the color by 10%, you get **83.3020, 32.0450, 19.4770**, and if you desaturate by 10%, it is **100.6160, 19.1170, 11.4770**.

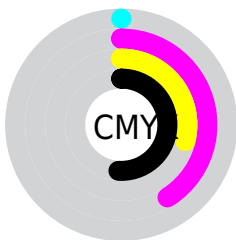
# Distribution



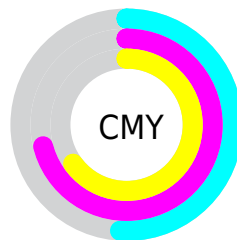
- Red (49%)
- Green (29%)
- Blue (35%)



- Red (49%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (41%)
- Yellow (29%)
- Black (51%)



- Cyan (51%)
- Magenta (71%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 91.9590, 25.5810, 15.4770 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 91.9590, 25.5810, 15.4770 by changing the saturation by 10% instead.



91.9590, 25.5810,  
15.4770

91.9590, 25.5810,  
15.4770

255.0000, -0.0000,  
-0.0000

68.0620, 23.7930,  
14.8410

143.1550, 27.9650,  
16.3250

44.5780, 22.2800,  
14.7280

169.7530, 29.1570,  
16.7490

21.5070, 21.0420,  
15.1380

197.3510, 30.3490,  
17.1730

9.0840, 17.5590,  
6.6710

221.7740, 24.6640,  
15.5760

0.0000, 0.0000,  
0.0000

242.1030, 7.3800,  
9.4280

91.9590, 25.5810,  
15.4770

91.9590, 25.5810,  
15.4770

83.3020, 32.0450,  
19.4770

100.6160, 19.1170,  
11.4770

75.2320, 38.2340,  
22.9540

108.6860, 12.9280,  
8.0000

66.5750, 44.6980,  
26.9540

117.3430, 6.4640,  
4.0000

58.5050, 50.8870,  
30.4310

125.4130, 0.2750,  
0.5230

49.9620, 57.0300,  
34.7420

133.9560, -5.8680,  
-3.7880


41.8920, 63.2190,  
38.2190

142.6130,  
-12.3320, -7.7880

150.6830,  
-18.5210, -11.2650

159.3400,

-24.9850, -15.2650

 167.4100,  
-31.1740, -18.7420

# Harmonies

## Analogous

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



92.5970, 12.1010, 17.4850



91.9590, 25.5810, 15.4770



91.2660, 31.7260, 8.7340

# Triad

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



91.9590, 25.5810, 15.4770



86.6670, 4.7710, -14.8850



79.6320, -48.8740, -6.3300

# Complementary

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



91.9590, 25.5810, 15.4770



109.0410, -25.5810, -15.4770

# 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.



73.2190, -58.3170, -16.9170



91.9590, 25.5810, 15.4770



83.8480, -14.8520, -17.1880

# Square

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



91.9590, 25.5810, 15.4770



88.5550, 19.9460, -9.0620



78.8270, -36.7220, -17.3140



87.4330, -28.8400, 5.0480



# Rectangle

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



91.9590, 25.5810, 15.4770



90.3920, 31.1310, 2.9950



78.8270, -36.7220, -17.3140



76.1750, -55.0170, -10.6410

# Sweetspot

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



91.9590, 25.5810, 15.4770



150.2510, 9.7190, 5.5830



91.5780, 5.0850, 23.4930



74.0440, 5.8680, 3.7880



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000



# Same Dimension

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



91.9590, 25.5810, 15.4770



109.6560, 39.9760, 24.4240



96.1190, 27.6460, 5.5820



59.3210, 3.5300, 2.1060



42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000



# Inverse Universe

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



91.9590, 25.5810, 15.4770



109.6560, 39.9760, 24.4240



104.8810, -27.6460, -5.5820



59.3210, 3.5300, 2.1060



42.6040, 64.0900, 38.9540

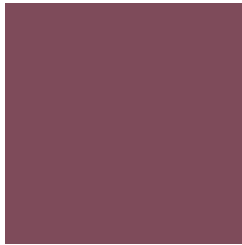


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YIQ color 91.9590, 25.5810, 15.4770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

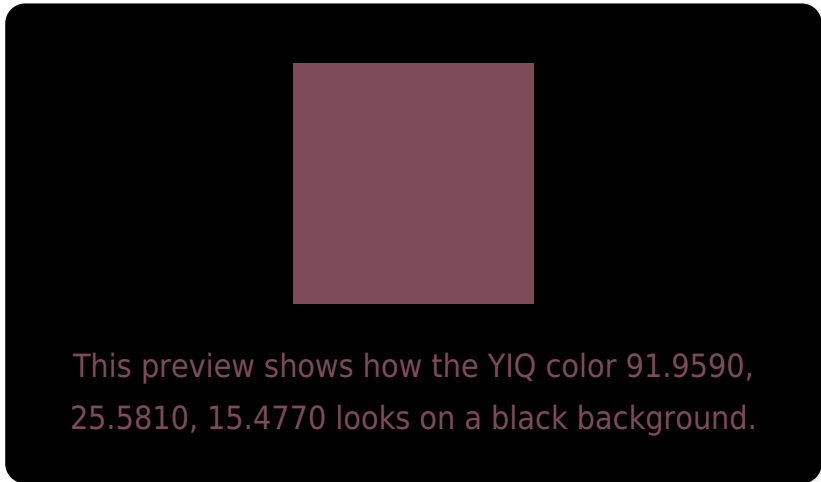
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

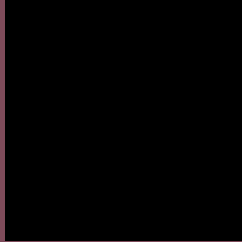
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 91.9590, 25.5810, 15.4770

## Background



This preview shows how black text looks on a background with the YIQ color 91.9590, 25.5810, 15.4770.



This preview shows how white text looks on a background with the YIQ color 91.9590, 25.5810,



# 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

91.9590, 25.5810, 15.4770

### Protanopia

91.0260, -2.8890, 2.7990

### Deuteranopia

91.0010, 7.4270, 3.0670



## Tritanopia

91.3350, 27.2780, 12.2540

# Trichromacy



## Original Color

91.9590, 25.5810, 15.4770

## Protanomaly

91.6360, 7.1970, 7.2370

## Deuteranomaly

91.4580, 13.5700, 7.3780

## Tritanomaly

91.6770, 26.3150, 13.1870

# Monochromacy



## Original Color

91.9590, 25.5810, 15.4770

## Achromatopsia

92.0000, 0.0000, -0.0000

## Achromatomaly

91.9520, 9.1230, 5.3710

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 91.9590, 25.5810, 15.4770 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(126, 75, 90)` looks like.

```
.text, #text, p{  
    color:rgb(126, 75, 90)  
}
```

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(126, 75, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 75, 90) }
```

## Border

The CSS property to change the border of an element to YIQ 91.9590, 25.5810, 15.4770 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(126, 75, 90) }
```



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

```
.border{ border-color:rgb(126, 75, 90) }
```

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

Here you see how a box with a 4 pixel rgb(126, 75, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 75, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 75, 90);  
box-shadow:4px 4px 4px 4px rgb(126, 75,  
90) }
```

# Background

The CSS property to change the background color of an element to YIQ 91.9590, 25.5810, 15.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 75, 90) }
```

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

```
.background{ background-color: rgb(126, 75,  
90) }
```

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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