

# Converting Colors

YIQ(128.4550, 26.8200, 9.5400)

Have a look what the booklet for  
YIQ(128.4550, 26.8200, 9.5400)  
contains.

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# Color

**YIQ(128.4550, 26.8200,  
9.5400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A07373
RGB	160, 115, 115
RGB Percent	63%, 45%, 45%
CMY	0.3724, 0.5491, 0.5489
CMYK	0.00, 0.28, 0.28, 0.37
HSL	360°, 19%, 54%
HSV	360°, 28%, 63%
XYZ	23.7273, 20.9720, 19.0253
YIQ	128.4550, 26.8200, 9.5400

# Conversions

## Conversions Part 2

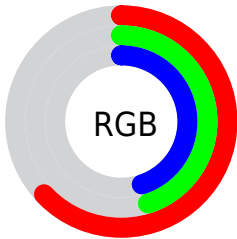
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 115, 115
Decimal	10515315
CIE <sub>Lab</sub>	52.92, 17.76, 7.01
CIE <sub>LCh</sub>	53, 19.099, 21.546
Yxy	20.9720, 0.3723, 0.3291
Android (android.graphics.Color)	4288705395 (0xFFA07373)
YUV	128.4550, -6.6333, 27.6650
Hunter-Lab	45.7952, 12.3425, 7.4250

# Details

The YIQ color **128.4550, 26.8200, 9.5400** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.5450, -26.8200, -9.5400**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6510, 29.2040, 10.3880**, and **78.3730, 24.1150, 9.0030** is the 20% darker color. If you saturate the color by 10%, you get **117.2390, 36.3560, 12.9320**, and if you desaturate by 10%, it is **139.6710, 17.2840, 6.1480**.

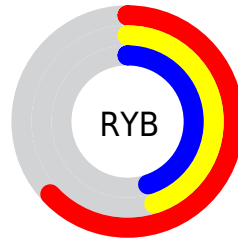
# Distribution



Red (63%)

Green (45%)

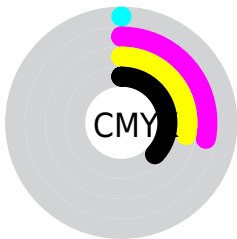
Blue (45%)



Red (63%)

Yellow (45%)

Blue (45%)

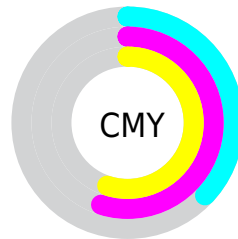


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (37%)



Cyan (37%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4550, 26.8200, 9.5400 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 128.4550, 26.8200, 9.5400 by changing the saturation by 10% instead.



■ 128.4550, 26.8200,  
9.5400

■ 128.4550, 26.8200,  
9.5400

■ 255.0000, -0.0000,  
-0.0000

■ 102.9710, 25.3070,  
9.4270

■ 181.6510, 29.2040,  
10.3880

■ 78.3730, 24.1150,  
9.0030

■ 208.9500, 29.8000,  
10.6000

■ 55.4760, 22.3270,  
8.3670

■ 231.8670, 19.6680,  
6.9960

■ 32.9920, 20.8140,  
8.2540

■ 252.1960, 2.3840,  
0.8480

■ 11.3620, 22.6480,  
8.0560

■ 0.0000, 0.0000,  
0.0000

128.4550, 26.8200,  
9.5400

128.4550, 26.8200,  
9.5400

117.2390, 36.3560,  
12.9320

139.6710, 17.2840,  
6.1480

106.0230, 45.8920,  
16.3240

150.8870, 7.7480,  
2.7560

94.8070, 55.4280,  
19.7160

162.1030, -1.7880,  
-0.6360

83.5910, 64.9640,  
23.1080

173.3190,  
-11.3240, -4.0280

72.3750, 74.5000,  
26.5000

184.5350,  
-20.8600, -7.4200

61.1590, 84.0360,  
29.8920

195.7510,  
-30.3960, -10.8120

49.9430, 93.5720,  
33.2840


206.9670,  
-39.9320, -14.2040

47.8400, 95.3600,

218.1830,

33.9200

-49.4680, -17.5960

 226.5950,  
-56.6200, -20.1400

# Harmonies

## Analogous

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



129.1970, 18.9790, 13.9790



128.4550, 26.8200, 9.5400



127.1250, 27.5090, 2.5570

# Triad

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



128.4550, 26.8200, 9.5400



122.1480, -6.8290, -13.9090



123.6350, -26.5930, 2.8710

# Complementary

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



128.4550, 26.8200, 9.5400



146.5450, -26.8200, -9.5400

# 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.



120.1020, -35.5780, -5.0020



128.4550, 26.8200, 9.5400



119.9490, -22.3260, -13.8940

# Square

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



128.4550, 26.8200, 9.5400



124.3410, 8.8050, -10.8990



118.8970, -33.7430, -10.7270



127.4630, -11.1890, 10.0510



# Rectangle

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



128.4550, 26.8200, 9.5400



126.8100, 23.8420, -2.5740



118.8970, -33.7430, -10.7270



122.6020, -30.9940, 0.0300

# Sweetspot

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



128.4550, 26.8200, 9.5400



197.0830, 10.1320, 3.6040



133.2860, 11.7790, 23.3230



97.2890, 6.5560, 2.3320



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



128.4550, 26.8200, 9.5400



159.2290, 42.3160, 15.0520



141.3690, 20.7700, -1.9660



73.3920, 4.7680, 1.6960



42.7570, 85.2280, 30.3160



4.4850, 8.9400, 3.1800



# Inverse Universe

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



128.4550, 26.8200, 9.5400



159.2290, 42.3160, 15.0520



133.6310, -20.7700, 1.9660



73.3920, 4.7680, 1.6960



42.7570, 85.2280, 30.3160

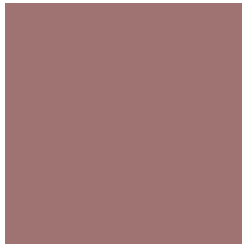


4.4850, 8.9400, 3.1800



# Previews

## White Background



This preview shows how the YIQ color 128.4550, 26.8200, 9.5400 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 128.4550, 26.8200, 9.5400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

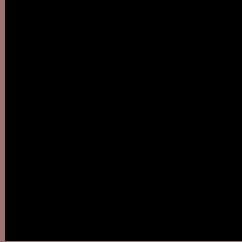
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 128.4550, 26.8200, 9.5400

## Background



This preview shows how black text looks on a background with the YIQ color 128.4550, 26.8200, 9.5400.



This preview shows how white text looks on a background with the YIQ color 128.4550, 26.8200,

9.5400.

# 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

128.4550, 26.8200, 9.5400

### Protanopia

126.6260, 3.9890, -0.7070

### Deuteranopia

127.6660, 15.6800, 2.1760



## Tritanopia

129.0790, 25.1230, 12.7630

# Trichromacy



## Original Color

128.4550, 26.8200, 9.5400

## Protanomaly

127.3390, 12.2870, 3.0950

## Deuteranomaly

127.6990, 20.0810, 5.0170

## Tritanomaly

128.7370, 26.0860, 11.8300

# Monochromacy



## Original Color

128.4550, 26.8200, 9.5400

## Achromatopsia

128.0000, -0.0000, -0.0000

## Achromatomaly

128.0830, 10.1320, 3.6040

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 128.4550, 26.8200, 9.5400 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(160, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(160, 115, 115)  
}
```

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(160, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 115, 115) }
```

## Border

The CSS property to change the border of an element to YIQ 128.4550, 26.8200, 9.5400 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(160, 115, 115) }
```



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

```
.border{ border-color:rgb(160, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(160, 115,  
115) }
```

# Background

The CSS property to change the background color of an element to YIQ 128.4550, 26.8200, 9.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 115, 115) }
```

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

```
.background{ background-color: rgb(160,  
115, 115) }
```

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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