

Converting Colors

YIQ(90.4650, 57.5320, 47.6760)

Have a look what the booklet for
YIQ(90.4650, 57.5320, 47.6760)
contains.

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Color

**YIQ(90.4650, 57.5320,
47.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	AF2C6C
RGB	175, 44, 108
RGB Percent	69%, 17%, 42%
CMY	0.3134, 0.8276, 0.5763
CMYK	0.00, 0.75, 0.38, 0.31
HSL	331°, 60%, 43%
HSV	331°, 75%, 69%
XYZ	21.3072, 12.0053, 15.3943
YIQ	90.4650, 57.5320, 47.6760

Conversions

Conversions Part 2

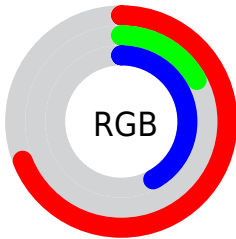
Format	Color
R _Y B	175, 44, 108
Decimal	11480172
CIE Lab	41.22, 57.08, -5.53
CIE LCh	41, 57.348, 354.468
Yxy	12.0053, 0.4375, 0.2465
Android (android.graphics.Color)	4289670252 (0xFFAF2C6C)
YUV	90.4650, 8.6448, 74.1372
Hunter-Lab	34.6487, 49.1333, -2.0884

Details

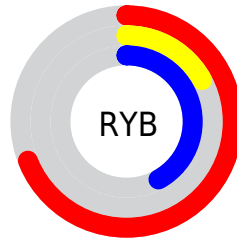
The YIQ color **90.4650, 57.5320, 47.6760** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **128.5350, -57.5320, -47.6760**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.9660, 60.3750, 45.7110**, and **42.2360, 50.7470, 43.9870** is the 20% darker color. If you saturate the color by 10%, you get **78.8730, 65.3710, 54.2910**, and if you desaturate by 10%, it is **101.4700, 49.9680, 41.5840**.

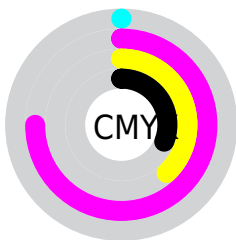
Distribution



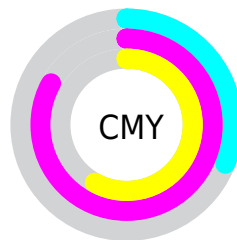
- Red (69%)
- Green (17%)
- Blue (42%)



- Red (69%)
- Yellow (17%)
- Blue (42%)



- Cyan (0%)
- Magenta (75%)
- Yellow (38%)
- Black (31%)



- Cyan (31%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.4650, 57.5320, 47.6760 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 90.4650, 57.5320, 47.6760 by changing the saturation by 10% instead.

■ 90.4650, 57.5320,
47.6760

■ 90.4650, 57.5320,
47.6760

■ 255.0000, -0.0000,
-0.0000

■ 53.2300, 60.0520,
57.0760

■ 147.9660, 60.3750,
45.7110

■ 42.2360, 50.7470,
43.9870

■ 173.1720, 56.7990,
44.4390

■ 31.3560, 41.1210,
31.2090

■ 192.8000, 40.1110,
38.5030

■ 21.3020, 32.0450,
19.4770

■ 213.0150, 23.1480,
32.0440

■ 9.9810, 19.3470,
7.3070

■ 231.5200, 11.0000,
20.9200

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.0250,

5.7530

■ 90.4650, 57.5320,
47.6760

■ 90.4650, 57.5320,
47.6760

■ 78.8730, 65.3710,
54.2910

■ 101.4700, 49.9680,
41.5840

■ 67.8680, 72.9350,
60.3830

■ 113.0620, 42.1290,
34.9690

■ 62.1290, 76.6940,
63.8460

■ 124.0670, 34.5650,
28.8770

■ 135.6590, 26.7260,
22.2620

■ 146.6640, 19.1620,
16.1700

■ 158.2560, 11.3230,
9.5550

■ 169.8480, 3.4840,
2.9400

■ 180.8530, -4.0800,
-3.1520

■ 192.4450,
-11.9190, -9.7670

Harmonies

Analogous

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



98.9520, 19.4320, 44.3280



90.4650, 57.5320, 47.6760



88.9390, 73.0320, 31.0800

Triad

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



90.4650, 57.5320, 47.6760



86.4410, 19.1260, -38.2660



87.3410, -87.4790, -6.0310

Complementary

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



90.4650, 57.5320, 47.6760



128.5350, -57.5320, -47.6760

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.



84.6560, -75.7850, -19.7290



90.4650, 57.5320, 47.6760



71.2500, -43.5480, -47.8040

Square

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



90.4650, 57.5320, 47.6760



91.3790, 49.2000, -21.6160



79.1840, -60.3770, -34.6570



84.1100, -90.7820, 4.2740

Rectangle

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



90.4650, 57.5320, 47.6760



91.1490, 71.6600, 11.8840



79.1840, -60.3770, -34.6570



86.6740, -84.2230, -9.9750

Sweetspot

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



90.4650, 57.5320, 47.6760



194.6860, 22.0960, 18.0640



78.6680, -2.7150, 54.7330



95.5660, 13.3860, 10.7140



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



90.4650, 57.5320, 47.6760



95.3960, 89.4840, 74.3480



83.1690, 78.0760, 27.7720



81.1470, 4.0800, 3.1520



53.2860, 65.6460, 54.8140



8.1310, 10.1770, 8.2970

Inverse Universe

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



90.4650, 57.5320, 47.6760



95.3960, 89.4840, 74.3480



135.8310, -78.0760, -27.7720



81.1470, 4.0800, 3.1520



53.2860, 65.6460, 54.8140



8.1310, 10.1770, 8.2970

Previews

White Background



This preview shows how the YIQ color 90.4650, 57.5320, 47.6760 looks on a white background.

Color Contrast Check

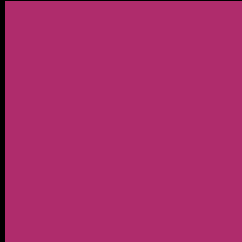
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 90.4650, 57.5320, 47.6760 looks on a 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 90.4650, 57.5320, 47.6760

Background



This preview shows how black text looks on a background with the YIQ color 90.4650, 57.5320, 47.6760.



This preview shows how white text looks on a background with the YIQ color 90.4650, 57.5320,

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

90.4650, 57.5320, 47.6760

Protanopia

97.9440, -22.7890, 11.0270

Deuteranopia

98.9730, 4.6300, 4.1980



Tritanopia

91.7270, 67.5770, 25.3130

Trichromacy



Original Color

90.4650, 57.5320, 47.6760

Protanomaly

95.2900, 5.9560, 24.2280

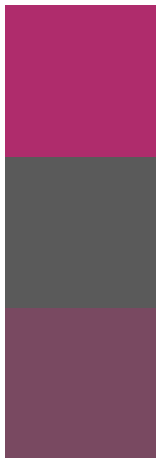
Deuteranomaly

95.6370, 23.7920, 20.3680

Tritanomaly

91.0290, 64.0910, 33.4270

Monochromacy



Original Color

90.4650, 57.5320, 47.6760

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.0880, 20.9040, 17.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.4650, 57.5320, 47.6760 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(175, 44, 108)` looks like.

```
.text, #text, p{  
  color:rgb(175, 44, 108)  
}
```

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(175, 44, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 44, 108) }
```

Border

The CSS property to change the border of an element to YIQ 90.4650, 57.5320, 47.6760 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(175, 44, 108) }
```


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

```
.border{ border-color:rgb(175, 44, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 44, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 44, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 44, 108);  
box-shadow:4px 4px 4px 4px rgb(175, 44,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 90.4650, 57.5320, 47.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 44, 108) }
```

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

```
.background{ background-color: rgb(175, 44,  
108) }
```

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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