

# Converting Colors

YIQ(96.1260, 45.2450, 44.5810)

Have a look what the booklet for  
YIQ(96.1260, 45.2450, 44.5810)  
contains.

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# Color

**YIQ(96.1260, 45.2450,  
44.5810)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7377A
RGB	167, 55, 122
RGB Percent	65%, 22%, 48%
CMY	0.3448, 0.7845, 0.5214
CMYK	0.00, 0.67, 0.27, 0.34
HSL	324°, 50%, 44%
HSV	324°, 67%, 66%
XYZ	20.8318, 12.3579, 19.7103
YIQ	96.1260, 45.2450, 44.5810

# Conversions

## Conversions Part 2

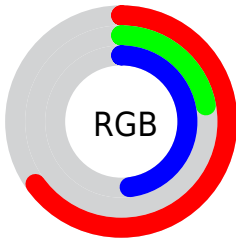
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 55, 122
Decimal	10958714
CIELab	41.78, 52.41, -13.52
CIELCh	42, 54.128, 345.538
Yxy	12.3579, 0.3938, 0.2336
Android (android.graphics.Color)	4289148794 (0xFFA7377A)
YUV	96.1260, 12.7559, 62.1565
Hunter-Lab	35.1538, 44.2580, -8.6354

# Details

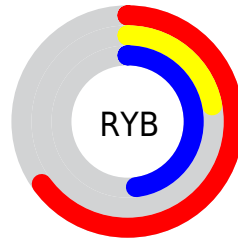
The YIQ color **96.1260, 45.2450, 44.5810** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **125.8740, -45.2450, -44.5810**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6810, 47.9960, 44.2840**, and **41.5110, 42.7230, 46.2350** is the 20% darker color. If you saturate the color by 10%, you get **85.3490, 52.1670, 51.2950**, and if you desaturate by 10%, it is **106.9030, 38.3230, 37.8670**.

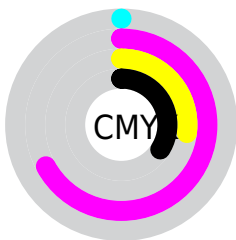
# Distribution



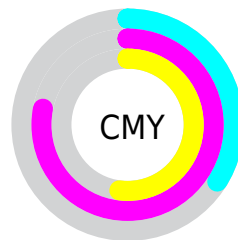
- Red (65%)
- Green (22%)
- Blue (48%)



- Red (65%)
- Yellow (22%)
- Blue (48%)



- Cyan (0%)
- Magenta (67%)
- Yellow (27%)
- Black (34%)



- Cyan (34%)
- Magenta (78%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 96.1260, 45.2450, 44.5810 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 96.1260, 45.2450, 44.5810 by changing the saturation by 10% instead.



96.1260, 45.2450,  
44.5810

96.1260, 45.2450,  
44.5810

255.0000, -0.0000,  
-0.0000

66.7070, 45.1070,  
47.0830

151.0940, 48.2710,  
44.8070

41.5110, 42.7230,  
46.2350

179.6920, 49.4630,  
45.2310

30.9300, 33.6930,  
33.6690

198.7330, 33.0500,  
39.8180

21.0610, 25.5340,  
21.8380

218.6060, 17.0500,  
32.4260

9.3830, 18.1550,  
6.8830

235.0420, 9.3500,  
17.7820

0.0000, 0.0000,  
0.0000

252.6520, 1.1000,

2.0920

■ 96.1260, 45.2450,  
44.5810

■ 96.1260, 45.2450,  
44.5810

■ 85.3490, 52.1670,  
51.2950

■ 106.9030, 38.3230,  
37.8670

■ 75.2730, 58.4930,  
57.7970

■ 116.9790, 31.9970,  
31.3650

■ 64.4960, 65.4150,  
64.5110

■ 127.7560, 25.0750,  
24.6510

■ 61.3330, 67.4320,  
66.5040

■ 138.5330, 18.1530,  
17.9370

■ 148.7230, 11.5060,  
11.7460

■ 159.3860, 4.9050,  
4.7210

■ 170.1630, -2.0170,  
-1.9930

■ 180.9400, -8.9390,  
-8.7070

■ 191.0160,  
-15.2650, -15.2090

# Harmonies

## Analogous

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



101.0640, 4.2570, 38.5050



96.1260, 45.2450, 44.5810



92.2250, 66.4750, 34.2750

# Triad

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



96.1260, 45.2450, 44.5810



90.0510, 29.2120, -33.8280



87.1470, -84.1770, -10.8090

# Complementary

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



96.1260, 45.2450, 44.5810



125.8740, -45.2450, -44.5810

# 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.



83.6470, -71.5660, -24.6060



96.1260, 45.2450, 44.5810



82.1950, -15.3520, -41.1760

# Square

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



96.1260, 45.2450, 44.5810



93.2060, 57.1770, -17.5030



77.2290, -56.2500, -37.8660



85.6600, -89.6350, 0.0050



# Rectangle

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



96.1260, 45.2450, 44.5810



93.1090, 69.1370, 19.0650



77.2290, -56.2500, -37.8660



86.2520, -80.2790, -15.3750

# Sweetspot

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



96.1260, 45.2450, 44.5810



189.1200, 17.8780, 17.4140



81.2230, -9.1320, 44.3720



92.8970, 10.9560, 10.7000



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



96.1260, 45.2450, 44.5810



105.5940, 71.1910, 69.9670



89.7420, 63.2210, 27.1650



78.9620, 3.1630, 3.2510



54.2840, 59.9600, 58.7440



7.3480, 8.0680, 7.9720



# Inverse Universe

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



96.1260, 45.2450, 44.5810



105.5940, 71.1910, 69.9670



132.2580, -63.2210, -27.1650



78.9620, 3.1630, 3.2510



54.2840, 59.9600, 58.7440



7.3480, 8.0680, 7.9720



# Previews

## White Background



This preview shows how the YIQ color 96.1260, 45.2450, 44.5810 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

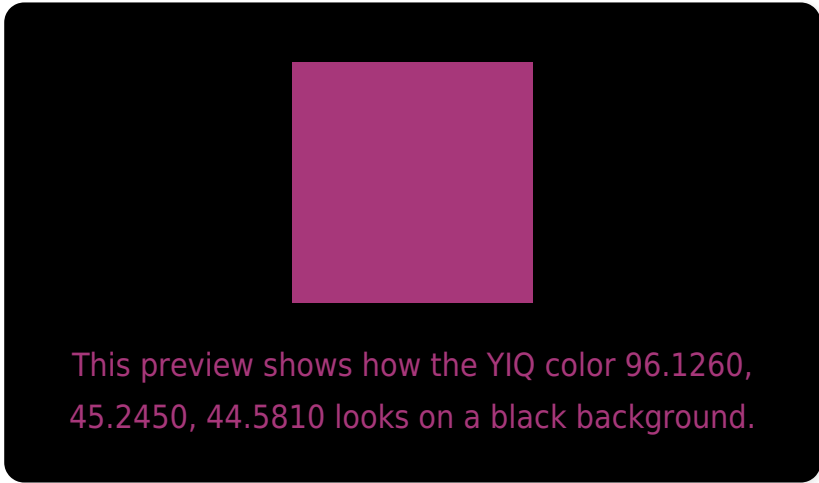
Any Text WCAG AA ✓ Pass

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

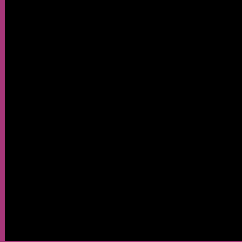
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 96.1260, 45.2450, 44.5810

## Background



This preview shows how black text looks on a background with the YIQ color 96.1260, 45.2450, 44.5810.



This preview shows how white text looks on a background with the YIQ color 96.1260, 45.2450,



# 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

96.1260, 45.2450, 44.5810

### Protanopia

98.5890, -28.9790, 13.0770

### Deuteranopia

100.3620, -3.7150, 6.7570



## Tritanopia

96.8610, 55.3360, 21.3840

# Trichromacy



## Original Color

96.1260, 45.2450, 44.5810

## Protanomaly

97.5110, -1.9760, 24.8080

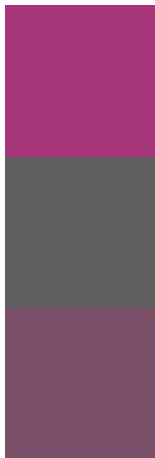
## Deuteranomaly

98.9610, 14.0720, 20.3120

## Tritanomaly

96.2770, 51.5290, 29.8090

# Monochromacy



## Original Color

96.1260, 45.2450, 44.5810

## Achromatopsia

96.0000, -0.0000, 0.0000

## Achromatomaly

95.9950, 16.7320, 16.1560

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 96.1260, 45.2450, 44.5810 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(167, 55, 122)` looks like.

```
.text, #text, p{  
    color:rgb(167, 55, 122)  
}
```

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(167, 55, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 55, 122) }
```

## Border

The CSS property to change the border of an element to YIQ 96.1260, 45.2450, 44.5810 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(167, 55, 122) }
```



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

```
.border{ border-color:rgb(167, 55, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 55, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 55, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 55, 122);  
box-shadow:4px 4px 4px 4px rgb(167, 55,  
122) }
```

# Background

The CSS property to change the background color of an element to YIQ 96.1260, 45.2450, 44.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 55, 122) }
```

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

```
.background{ background-color: rgb(167, 55,  
122) }
```

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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