

Converting Colors

YIQ(104.9640, 45.5210, 39.5770)

Have a look what the booklet for
YIQ(104.9640, 45.5210, 39.5770)
contains.

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Color

**YIQ(104.9640, 45.5210,
39.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	AD437A
RGB	173, 67, 122
RGB Percent	68%, 26%, 48%
CMY	0.3213, 0.7374, 0.5214
CMYK	0.00, 0.61, 0.29, 0.32
HSL	329°, 44%, 47%
HSV	329°, 61%, 68%
XYZ	22.7693, 14.3076, 19.9854
YIQ	104.9640, 45.5210, 39.5770

Conversions

Conversions Part 2

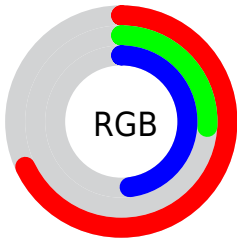
Format	Color
R_{YB}	173, 67, 122
Decimal	11355002
CIE Lab	44.67, 49.02, -9.06
CIE LCh	45, 49.850, 349.532
Yxy	14.3076, 0.3990, 0.2507
Android (android.graphics.Color)	4289545082 (0xFFAD437A)
YUV	104.9640, 8.3987, 59.6676
Hunter-Lab	37.8254, 41.2550, -4.8486

Details

The YIQ color **104.9640, 45.5210, 39.5770** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **135.0360, -45.5210, -39.5770**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3450, 48.8220, 40.3260**, and **44.4790, 45.7490, 46.4610** is the 20% darker color. If you saturate the color by 10%, you get **94.0730, 52.7640, 45.9800**, and if you desaturate by 10%, it is **115.8550, 38.2780, 33.1740**.

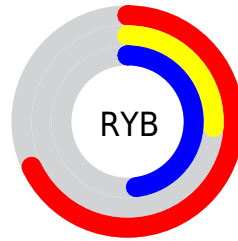
Distribution



Red (68%)

Green (26%)

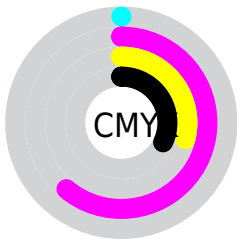
Blue (48%)



Red (68%)

Yellow (26%)

Blue (48%)

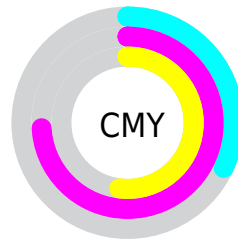


Cyan (0%)

Magenta (61%)

Yellow (29%)

Black (32%)



Cyan (32%)

Magenta (74%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.9640, 45.5210, 39.5770 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 104.9640, 45.5210, 39.5770 by changing the saturation by 10% instead.

104.9640, 45.5210,
39.5770

104.9640, 45.5210,
39.5770

255.0000, -0.0000,
-0.0000

77.3060, 44.5580,
40.5100

159.3450, 48.8220,
40.3260

44.4790, 45.7490,
46.4610

186.1490, 46.4380,
39.4780

32.7240, 37.2690,
34.9410

205.1900, 30.0250,
34.0650

22.5560, 28.5140,
22.8980

225.0630, 14.0250,
26.6730

11.7750, 22.9230,
8.5790

242.0860, 6.0500,
11.5060

0.0000, 0.0000,
0.0000

104.9640, 45.5210,
39.5770

104.9640, 45.5210,
39.5770

94.0730, 52.7640,
45.9800

115.8550, 38.2780,
33.1740

82.4810, 60.6030,
52.5950

127.4470, 30.4390,
26.5590

71.5900, 67.8460,
58.9980

138.3380, 23.1960,
20.1560

61.9870, 74.2180,
64.6660

149.2290, 15.9530,
13.7530


160.2340, 8.3890,
7.6610

171.7120, 0.8710,
0.7350

182.6030, -6.3720,
-5.6680

193.6080,

-13.9360, -11.7600

 205.0860,
-21.4540, -18.6860

Harmonies

Analogous

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



108.5330, 10.1260, 36.7660



104.9640, 45.5210, 39.5770



102.2690, 63.1750, 27.9990

Triad

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



104.9640, 45.5210, 39.5770



97.2400, 24.3060, -33.0220



90.7660, -87.4780, -11.5580

Complementary

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



104.9640, 45.5210, 39.5770



135.0360, -45.5210, -39.5770

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.



88.4230, -76.7470, -24.3230



104.9640, 45.5210, 39.5770



90.2640, -19.8000, -37.6560

Square

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



104.9640, 45.5210, 39.5770



100.5690, 51.7210, -17.7430



82.9340, -62.6690, -37.1730



88.8230, -91.6520, -1.9880

Rectangle

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



104.9640, 45.5210, 39.5770



102.6090, 64.5530, 14.0330



82.9340, -62.6690, -37.1730



90.8000, -84.8180, -15.7140

Sweetspot

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



104.9640, 45.5210, 39.5770



198.3540, 17.0990, 15.0110



93.7350, -4.8220, 43.3540



96.5440, 10.4520, 8.8200



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



104.9640, 45.5210, 39.5770



117.5520, 71.0090, 62.2490



99.0360, 62.2130, 23.4050



81.2610, 3.7590, 3.4630



53.7420, 64.3620, 56.0580



8.2450, 9.8560, 8.6080

Inverse Universe

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



104.9640, 45.5210, 39.5770



117.5520, 71.0090, 62.2490



140.9640, -62.2130, -23.4050



81.2610, 3.7590, 3.4630



53.7420, 64.3620, 56.0580



8.2450, 9.8560, 8.6080

Previews

White Background



This preview shows how the YIQ color 104.9640, 45.5210, 39.5770 looks on a white background.

Color Contrast Check

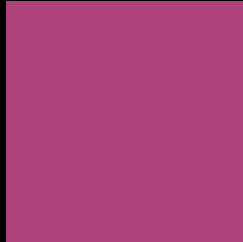
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.9640, 45.5210, 39.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

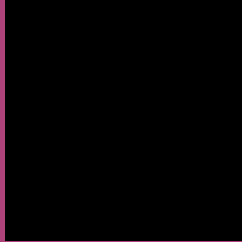
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.9640, 45.5210, 39.5770

Background



This preview shows how black text looks on a background with the YIQ color 104.9640, 45.5210, 39.5770.



This preview shows how white text looks on a background with the YIQ color 104.9640, 45.5210,

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

104.9640, 45.5210, 39.5770

Protanopia

106.3140, -20.9550, 10.8290

Deuteranopia

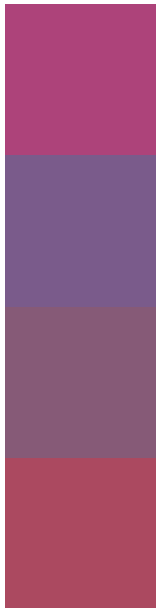
107.2870, 0.8700, 6.2620



Tritanopia

104.6760, 54.4190, 21.4830

Trichromacy



Original Color

104.9640, 45.5210, 39.5770

Protanomaly

105.7410, 3.0680, 21.5000

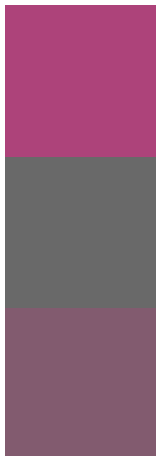
Deuteranomaly

106.4620, 16.9150, 18.3470

Tritanomaly

104.9240, 51.0250, 27.9290

Monochromacy



Original Color

104.9640, 45.5210, 39.5770

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9410, 16.8240, 14.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.9640, 45.5210, 39.5770 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(173, 67, 122)` looks like.

```
.text, #text, p{  
    color:rgb(173, 67, 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(173, 67, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 67, 122) }
```

Border

The CSS property to change the border of an element to YIQ 104.9640, 45.5210, 39.5770 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(173, 67, 122) }
```


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

```
.border{ border-color:rgb(173, 67, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 67, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 67, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 67, 122);  
box-shadow:4px 4px 4px 4px rgb(173, 67,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 104.9640, 45.5210, 39.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 67, 122) }
```

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

```
.background{ background-color: rgb(173, 67,  
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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