

Converting Colors

YIQ(124.6620, 39.8390, 21.3990)

Have a look what the booklet for
YIQ(124.6620, 39.8390, 21.3990)
contains.

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Color

**YIQ(124.6620, 39.8390,
21.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	B06475
RGB	176, 100, 117
RGB Percent	69%, 39%, 46%
CMY	0.3096, 0.6079, 0.5410
CMYK	0.00, 0.43, 0.34, 0.31
HSL	347°, 33%, 54%
HSV	347°, 43%, 69%
XYZ	25.6827, 19.6292, 19.2762
YIQ	124.6620, 39.8390, 21.3990

Conversions

Conversions Part 2

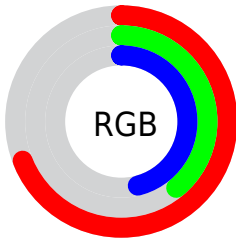
Format	Color
R_{YB}	176, 100, 117
Decimal	11560053
CIE _{Lab}	51.42, 32.67, 3.93
CIE _{LCh}	51, 32.901, 6.864
Yxy	19.6292, 0.3976, 0.3039
Android (android.graphics.Color)	4289750133 (0xFFB06475)
YUV	124.6620, -3.7774, 45.0234
Hunter-Lab	44.3049, 25.9395, 5.2175

Details

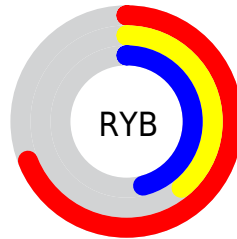
The YIQ color **124.6620, 39.8390, 21.3990** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **151.3380, -39.8390, -21.3990**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1570, 42.8190, 22.4590**, and **73.9820, 35.9420, 20.4380** is the 20% darker color. If you saturate the color by 10%, you get **112.5000, 49.2830, 26.4590**, and if you desaturate by 10%, it is **136.8240, 30.3950, 16.3390**.

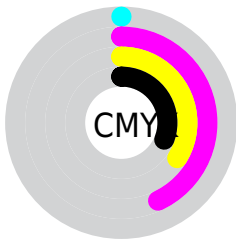
Distribution



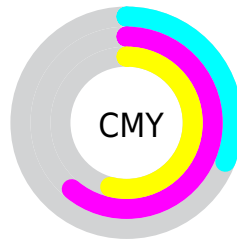
- Red (69%)
- Green (39%)
- Blue (46%)



- Red (69%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (34%)
- Black (31%)



- Cyan (31%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.6620, 39.8390, 21.3990 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 124.6620, 39.8390, 21.3990 by changing the saturation by 10% instead.

124.6620, 39.8390,
21.3990

124.6620, 39.8390,
21.3990

255.0000, -0.0000,
-0.0000

98.7650, 38.0510,
20.7630

178.4560, 43.4150,
22.6710

73.9820, 35.9420,
20.4380

203.6620, 39.8390,
21.3990

48.7260, 33.7870,
20.9470

223.2900, 23.1510,
15.4630

23.5950, 32.7780,
22.7140

243.6190, 5.8670,
9.3150

14.1670, 27.6910,
10.2750

0.0000, 0.0000,
0.0000

124.6620, 39.8390,
21.3990

124.6620, 39.8390,
21.3990

112.5000, 49.2830,
26.4590

136.8240, 30.3950,
16.3390

101.0390, 58.1310,
31.3070

148.2850, 21.5470,
11.4910

88.8770, 67.5750,
36.3670

160.4470, 12.1030,
6.4310

77.3020, 76.7440,
40.9040

172.0220, 2.9340,
1.8940

65.2540, 85.8670,
46.2750

184.0700, -6.1890,
-3.4770


57.0700, 92.3770,
49.4410

196.2320,
-15.6330, -8.5370

207.8070,
-24.8020, -13.0740

219.8550,

-33.9250, -18.4450

 229.6690,
-42.2690, -21.4130

Harmonies

Analogous

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



126.3150, 22.0030, 25.2590



124.6620, 39.8390, 21.3990



123.3340, 46.2140, 10.4860

Triad

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



124.6620, 39.8390, 21.3990



116.6570, 1.5630, -22.8290



105.4040, -74.5950, -8.2510

Complementary

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



124.6620, 39.8390, 21.3990



151.3380, -39.8390, -21.3990

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.



97.5020, -87.1550, -22.9230



124.6620, 39.8390, 21.3990



111.4500, -28.6510, -25.9230

Square

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



124.6620, 39.8390, 21.3990



119.7910, 24.8530, -15.3950



98.3000, -72.2070, -29.5110



119.7020, -36.7270, 10.3210

Rectangle

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



124.6620, 39.8390, 21.3990



122.5690, 43.6940, 1.0860



98.3000, -72.2070, -29.5110



97.3370, -90.8240, -17.0000

Sweetspot

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



124.6620, 39.8390, 21.3990



209.6540, 15.9540, 8.2260



126.0060, 10.1720, 35.9320



102.2510, 9.7190, 5.5830



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.



124.6620, 39.8390, 21.3990



148.9580, 62.8530, 33.8370



134.4640, 39.7960, 5.6520



82.9190, 4.7220, 2.5300



49.6230, 80.2740, 43.0100



8.4580, 13.5700, 7.3780

Inverse Universe

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



124.6620, 39.8390, 21.3990



148.9580, 62.8530, 33.8370



141.5360, -39.7960, -5.6520



82.9190, 4.7220, 2.5300



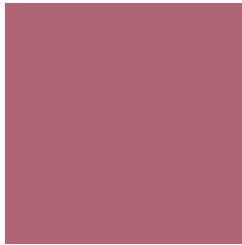
49.6230, 80.2740, 43.0100



8.4580, 13.5700, 7.3780

Previews

White Background



This preview shows how the YIQ color 124.6620, 39.8390, 21.3990 looks on a white background.

Color Contrast Check

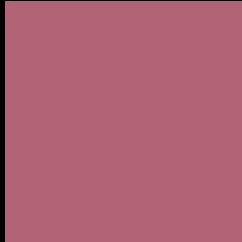
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.6620, 39.8390, 21.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

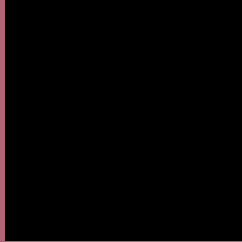
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.6620, 39.8390, 21.3990

Background



This preview shows how black text looks on a background with the YIQ color 124.6620, 39.8390, 21.3990.



This preview shows how white text looks on a background with the YIQ color 124.6620, 39.8390,

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

124.6620, 39.8390, 21.3990

Protanopia

123.2110, -1.9720, 2.7000

Deuteranopia

124.1110, 12.9290, 2.4730



Tritanopia

124.0380, 41.5360, 18.1760

Trichromacy



Original Color

124.6620, 39.8390, 21.3990

Protanomaly

123.6260, 13.1570, 9.3570

Deuteranomaly

124.3020, 22.8770, 9.4130

Tritanomaly

124.3800, 40.5730, 19.1090

Monochromacy



Original Color

124.6620, 39.8390, 21.3990

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0560, 14.7620, 7.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.6620, 39.8390, 21.3990 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(176, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(176, 100, 117)  
}
```

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(176, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 100, 117) }
```

Border

The CSS property to change the border of an element to YIQ 124.6620, 39.8390, 21.3990 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(176, 100, 117) }
```


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

```
.border{ border-color:rgb(176, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 100, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 100, 117);  
box-shadow:4px 4px 4px 4px rgb(176, 100,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 124.6620, 39.8390, 21.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 100, 117) }
```

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

```
.background{ background-color: rgb(176,  
100, 117) }
```

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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