

Converting Colors

YIQ(125.7640, 39.7920, 27.7600)

Have a look what the booklet for
YIQ(125.7640, 39.7920, 27.7600)
contains.

YIQ(125.7640, 39.7920, 27.7600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(125.7640, 39.7920,
27.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	B56181
RGB	181, 97, 129
RGB Percent	71%, 38%, 51%
CMY	0.2900, 0.6197, 0.4940
CMYK	0.00, 0.46, 0.29, 0.29
HSL	337°, 36%, 55%
HSV	337°, 46%, 71%
XYZ	27.3053, 19.9593, 23.1941
YIQ	125.7640, 39.7920, 27.7600

Conversions

Conversions Part 2

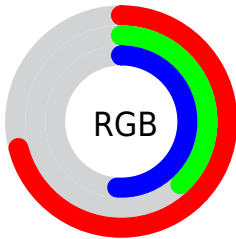
Format	Color
R_{YB}	181, 97, 129
Decimal	11886977
CIE Lab	51.79, 37.72, -2.56
CIE LCh	52, 37.802, 356.111
Yxy	19.9593, 0.3875, 0.2833
Android (android.graphics.Color)	4290077057 (0xFFB56181)
YUV	125.7640, 1.5953, 48.4420
Hunter-Lab	44.6758, 30.9144, 0.4918

Details

The YIQ color **125.7640, 39.7920, 27.7600** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **152.2360, -39.7920, -27.7600**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2590, 42.7720, 28.8200**, and **74.3830, 36.4910, 27.0110** is the 20% darker color. If you saturate the color by 10%, you get **113.9440, 48.2730, 33.7530**, and if you desaturate by 10%, it is **137.5840, 31.3110, 21.7670**.

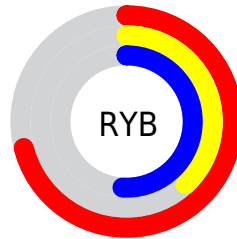
Distribution



Red (71%)

Green (38%)

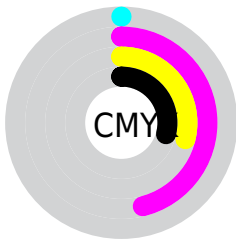
Blue (51%)



Red (71%)

Yellow (38%)

Blue (51%)

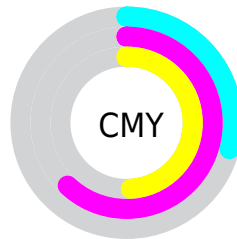


Cyan (0%)

Magenta (46%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (62%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.7640, 39.7920, 27.7600 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 125.7640, 39.7920, 27.7600 by changing the saturation by 10% instead.


 125.7640, 39.7920,
27.7600


 125.7640, 39.7920,
27.7600


255.0000, -0.0000,
-0.0000


 99.8670, 38.0040,
27.1240


 180.2590, 42.7720,
28.8200


 74.3830, 36.4910,
27.0110


 203.9700, 36.2160,
26.4880


 47.8390, 35.2070,
28.2550

 223.7120, 19.2070,
20.8630

 25.9310, 31.9520,
26.6720

 242.0860, 6.0500,
11.5060

 16.5460, 25.3060,
14.9540

 1.7940, 3.5760,
1.2720

 0.0000, 0.0000,

0.0000

■ 125.7640, 39.7920,
27.7600

■ 125.7640, 39.7920,
27.7600

■ 113.9440, 48.2730,
33.7530

■ 137.5840, 31.3110,
21.7670

■ 102.1240, 56.7540,
39.7460

■ 149.4040, 22.8300,
15.7740

■ 90.1900, 65.5560,
45.4280

■ 161.3380, 14.0280,
10.0920

■ 78.3700, 74.0370,
51.4210

■ 173.1580, 5.5470,
4.0990

■ 65.9630, 82.7930,
57.9370

■ 184.9780, -2.9340,
-1.8940

■ 61.9850, 85.7270,
59.8310

■ 197.3850,
-11.6900, -8.4100

■ 209.2050,
-20.1710, -14.4030

■ 221.1390,
-28.9730, -20.0850

■ 230.0240,
-36.0790, -23.4630

Harmonies

Analogous

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



127.1280, 15.4000, 29.2880



125.7640, 39.7920, 27.7600



124.1870, 51.3020, 17.3980

Triad

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



125.7640, 39.7920, 27.7600



117.8770, 12.5670, -24.0170



99.8960, -93.8960, -16.3920

Complementary

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



125.7640, 39.7920, 27.7600



152.2360, -39.7920, -27.7600

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.



99.3940, -86.9710, -26.2590



125.7640, 39.7920, 27.7600



112.6480, -20.5810, -29.0050

Square

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



125.7640, 39.7920, 27.7600



120.8910, 36.3150, -13.8690



95.6320, -76.3780, -36.5220



113.6110, -61.5760, 3.6080

Rectangle

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



125.7640, 39.7920, 27.7600



123.4500, 51.5790, 6.8670



95.6320, -76.3780, -36.5220



100.2720, -92.1990, -19.6150

Sweetspot

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



125.7640, 39.7920, 27.7600



213.2350, 15.8160, 10.7280



122.1240, 4.0280, 37.1480



103.8920, 9.3520, 6.7280



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



125.7640, 39.7920, 27.7600



148.1680, 62.6220, 43.5340



127.9860, 47.3140, 12.5780



86.0330, 4.4010, 2.8410



53.3700, 74.0370, 51.4210



9.6260, 13.1570, 9.3570

Inverse Universe

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



125.7640, 39.7920, 27.7600



148.1680, 62.6220, 43.5340



150.0140, -47.3140, -12.5780



86.0330, 4.4010, 2.8410



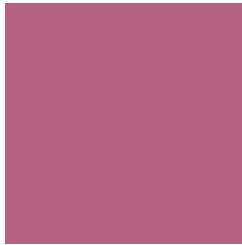
53.3700, 74.0370, 51.4210



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 125.7640, 39.7920, 27.7600 looks on a white background.

Color Contrast Check

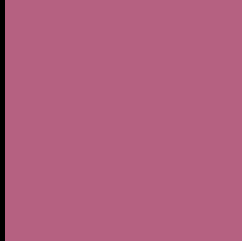
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7640, 39.7920, 27.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

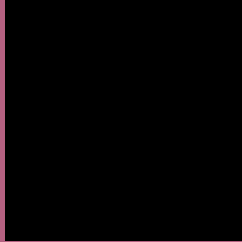
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.7640, 39.7920, 27.7600

Background



This preview shows how black text looks on a background with the YIQ color 125.7640, 39.7920, 27.7600.



This preview shows how white text looks on a background with the YIQ color 125.7640, 39.7920,

27.7600.

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

125.7640, 39.7920, 27.7600

Protanopia

124.6110, -8.8500, 6.2060

Deuteranopia

125.0550, 7.3350, 4.7350



Tritanopia

125.1200, 44.2410, 18.7130

Trichromacy



Original Color

125.7640, 39.7920, 27.7600

Protanomaly

125.2220, 8.6630, 13.7110

Deuteranomaly

125.5560, 19.3460, 12.8340

Tritanomaly

125.7440, 42.5440, 21.9360

Monochromacy



Original Color

125.7640, 39.7920, 27.7600

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.6370, 14.6240, 10.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7640, 39.7920, 27.7600 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(181, 97, 129)` looks like.

```
.text, #text, p{  
    color:rgb(181, 97, 129)  
}
```

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(181, 97, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 97, 129) }
```

Border

The CSS property to change the border of an element to YIQ 125.7640, 39.7920, 27.7600 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(181, 97, 129) }
```


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

```
.border{ border-color:rgb(181, 97, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 97, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 97, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 97, 129);  
box-shadow:4px 4px 4px 4px rgb(181, 97,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7640, 39.7920, 27.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 97, 129) }
```

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

```
.background{ background-color: rgb(181, 97,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor