

Converting Colors

YIQ(79.5370, 40.9750, 77.9270)

Have a look what the booklet for
YIQ(79.5370, 40.9750, 77.9270)
contains.

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Color

**YIQ(79.5370, 40.9750,
77.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	A712A7
RGB	167, 18, 167
RGB Percent	65%, 7%, 65%
CMY	0.3446, 0.9296, 0.3450
CMYK	0.00, 0.89, 0.00, 0.34
HSL	300°, 81%, 36%
HSV	300°, 89%, 66%
XYZ	23.1519, 11.4490, 37.5547
YIQ	79.5370, 40.9750, 77.9270

Conversions

Conversions Part 2

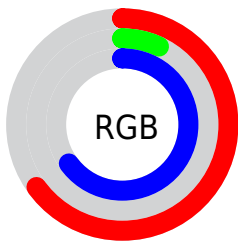
Format	Color
R_{YB}	167, 18, 167
Decimal	10949287
CIE _{Lab}	40.33, 69.48, -43.14
CIE _{LCh}	40, 81.782, 328.160
Yxy	11.4490, 0.3209, 0.1587
Android (android.graphics.Color)	4289139367 (0xFFA712A7)
YUV	79.5370, 43.1193, 76.7051
Hunter-Lab	33.8363, 62.9219, -42.1200

Details

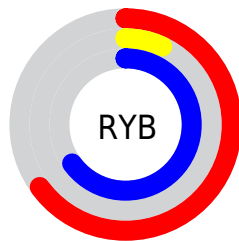
The YIQ color **79.5370, 40.9750, 77.9270** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **105.4630, -40.9750, -77.9270**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6520, 38.9130, 71.2410**, and **45.8860, 28.9660, 58.7740** is the 20% darker color. If you saturate the color by 10%, you get **69.5580, 45.6500, 86.8180**, and if you desaturate by 10%, it is **89.5160, 36.3000, 69.0360**.

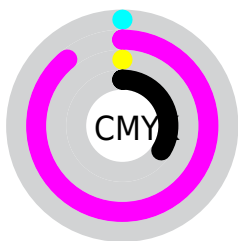
Distribution



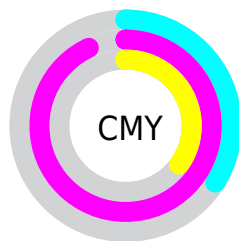
- Red (65%)
- Green (7%)
- Blue (65%)



- Red (65%)
- Yellow (7%)
- Blue (65%)



- Cyan (0%)
- Magenta (89%)
- Yellow (0%)
- Black (34%)



- Cyan (34%)
- Magenta (93%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.5370, 40.9750, 77.9270 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 79.5370, 40.9750, 77.9270 by changing the saturation by 10% instead.

■ 79.5370, 40.9750,
77.9270

■ 79.5370, 40.9750,
77.9270

■ 255.0000, -0.0000,
-0.0000

■ 57.5210, 37.9040,
73.0080

■ 144.6520, 38.9130,
71.2410

■ 45.8860, 28.9660,
58.7740

■ 173.6520, 38.9130,
71.2410

■ 34.9630, 20.8990,
45.2750

■ 191.0170, 29.9750,
57.0070

■ 24.7520, 13.7030,
32.5110

■ 208.0400, 22.0000,
41.8400

■ 12.8610, 2.6100,
18.7860

■ 225.0630, 14.0250,
26.6730

■ 2.8670, -6.6950,
5.6970

■ 242.0860, 6.0500,

■ 0.0000, 0.0000,

11.5060

0.0000

■ 79.5370, 40.9750,
77.9270

■ 79.5370, 40.9750,
77.9270

■ 69.5580, 45.6500,
86.8180

■ 89.5160, 36.3000,
69.0360

■ 68.9710, 45.9250,
87.3410

■ 98.9080, 31.9000,
60.6680

■ 108.8870, 27.2250,
51.7770

■ 118.8660, 22.5500,
42.8860

■ 128.8450, 17.8750,
33.9950

■ 138.2370, 13.4750,
25.6270

■ 148.2160, 8.8000,
16.7360

■ 158.1950, 4.1250,
7.8450

■ 167.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



88.6380, -55.8970, 38.3670



79.5370, 40.9750, 77.9270



72.3250, 88.2460, 74.7580

Triad

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



79.5370, 40.9750, 77.9270



89.8840, 46.2200, -22.6760



88.9250, -83.6720, -14.4560

Complementary

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



79.5370, 40.9750, 77.9270



105.4630, -40.9750, -77.9270

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.



80.5860, -61.5690, -35.0810



79.5370, 40.9750, 77.9270



79.5310, 1.0170, -45.9830

Square

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



79.5370, 40.9750, 77.9270



84.8760, 85.3700, 5.7060



69.2490, -33.7800, -59.6360



93.2060, -99.8600, 3.5960

Rectangle

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



79.5370, 40.9750, 77.9270



68.0210, 103.2410, 61.8090



69.2490, -33.7800, -59.6360



86.4170, -76.6100, -21.2980

Sweetspot

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



79.5370, 40.9750, 77.9270



182.3670, 16.2250, 30.8570



34.9860, -47.8290, 46.3390



89.4550, 9.6250, 18.3050



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.



79.5370, 40.9750, 77.9270



89.6210, 59.6750, 113.4910



71.1010, 64.7290, 54.9130



79.3040, 2.2000, 4.1840



61.1240, 40.7000, 77.4040



8.2600, 5.5000, 10.4600

Inverse Universe

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



79.5370, 40.9750, 77.9270



89.6210, 59.6750, 113.4910



114.0130, -65.0500, -54.6020



79.3040, 2.2000, 4.1840



61.1240, 40.7000, 77.4040



8.2600, 5.5000, 10.4600

Previews

White Background



This preview shows how the YIQ color 79.5370, 40.9750, 77.9270 looks on a white background.

Color Contrast Check

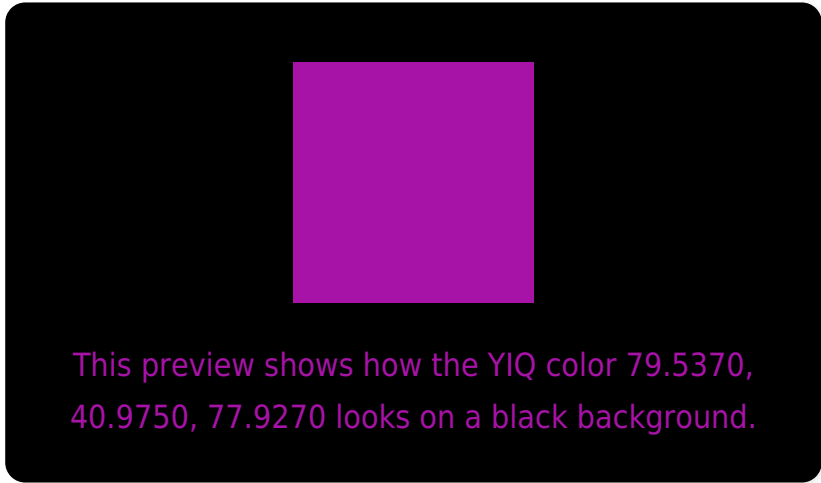
Large Text (above 18pt) WCAG AA ✓ Pass

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

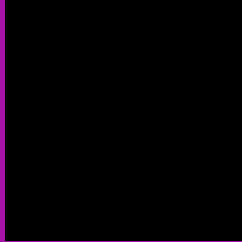
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.5370, 40.9750, 77.9270

Background



This preview shows how black text looks on a background with the YIQ color 79.5370, 40.9750, 77.9270.



This preview shows how white text looks on a background with the YIQ color 79.5370, 40.9750,

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

79.5370, 40.9750, 77.9270

Protanopia

77.0490, -88.8120, 12.6280

Deuteranopia

92.4780, -41.9080, 10.6040



Tritanopia

94.3660, 52.3560, 20.3240

Trichromacy



Original Color

79.5370, 40.9750, 77.9270



Protanomaly

78.1850, -41.5000, 36.2600



Deuteranomaly

87.5720, -11.9730, 35.2830



Tritanomaly

88.9860, 48.4550, 41.4710

Monochromacy



Original Color

79.5370, 40.9750, 77.9270



Achromatopsia

80.0000, 0.0000, -0.0000



Achromatomaly

79.7150, 15.1250, 28.7650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5370, 40.9750, 77.9270 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, 18, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 18, 167)  
}
```

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, 18, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 18, 167) }
```

Border

The CSS property to change the border of an element to YIQ 79.5370, 40.9750, 77.9270 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, 18, 167) }
```


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

```
.border{ border-color:rgb(167, 18, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 18, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 18, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 18, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 18,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5370, 40.9750, 77.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 18, 167) }
```

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

```
.background{ background-color: rgb(167, 18,  
167) }
```

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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