

Converting Colors

YIQ(60.9780, 16.5430, 47.1270)

Have a look what the booklet for
YIQ(60.9780, 16.5430, 47.1270)
contains.

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Color

**YIQ(60.9780, 16.5430,
47.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	6A1A7B
RGB	106, 26, 123
RGB Percent	42%, 10%, 48%
CMY	0.5841, 0.8982, 0.5177
CMYK	0.14, 0.79, 0.00, 0.52
HSL	290°, 65%, 29%
HSV	290°, 79%, 48%
XYZ	9.8951, 5.2354, 19.2271
YIQ	60.9780, 16.5430, 47.1270

Conversions

Conversions Part 2

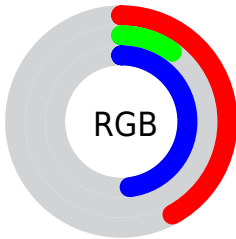
Format	Color
R_{YB}	106, 26, 123
Decimal	6953595
CIE _{Lab}	27.40, 48.17, -37.39
CIE _{LCh}	27, 60.973, 322.182
Y _{xy}	5.2354, 0.2880, 0.1524
Android (android.graphics.Color)	4285143675 (0xFF6A1A7B)
YUV	60.9780, 30.5768, 39.4843
Hunter-Lab	22.8810, 37.1523, -33.8052

Details

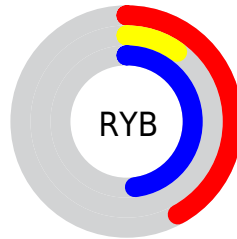
The YIQ color **60.9780, 16.5430, 47.1270** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **88.0220, -16.5430, -47.1270**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **114.8640, 16.8640, 46.8160**, and **24.4680, 8.7510, 34.1510** is the 20% darker color. If you saturate the color by 10%, you get **53.3360, 18.6510, 52.9790**, and if you desaturate by 10%, it is **68.6200, 14.4350, 41.2750**.

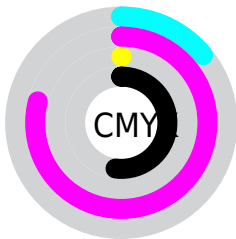
Distribution



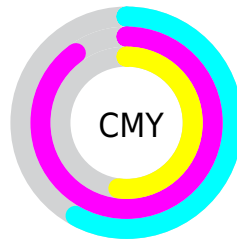
- Red (42%)
- Green (10%)
- Blue (48%)



- Red (42%)
- Yellow (10%)
- Blue (48%)



- Cyan (14%)
- Magenta (79%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (90%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.9780, 16.5430, 47.1270 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 60.9780, 16.5430, 47.1270 by changing the saturation by 10% instead.

60.9780, 16.5430,
47.1270

60.9780, 16.5430,
47.1270

255.0000, -0.0000,
-0.0000

35.0920, 16.2220,
47.4380

114.8640, 16.8640,
46.8160

24.4680, 8.7510,
34.1510

141.6900, 17.4140,
47.8620

15.2680, 3.0220,
22.3340

168.8150, 18.5600,
49.1200

4.3660, -9.5380,
7.6620

195.9570, 21.0360,
48.3000


0.0000, 0.0000,
0.0000


215.0840, 18.7000,
35.5640


232.1070, 10.7250,


20.3970


 248.5430, 3.0250,
5.7530


 60.9780, 16.5430,
47.1270


 60.9780, 16.5430,
47.1270


 53.3360, 18.6510,
52.9790


 68.6200, 14.4350,
41.2750

 45.1070, 21.0340,
59.3540

 76.8490, 12.0520,
34.9000

 44.5200, 21.3090,
59.8770

 84.7900, 10.5400,
29.2600

 92.4320, 8.4320,
23.4080

 100.0740, 6.3240,
17.5560

■ 108.3030, 3.9410,
11.1810

■ 115.9450, 1.8330,
5.3290

■ 123.5870, -0.2750,
-0.5230

■ 131.8160, -2.6580,
-6.8980

Harmonies

Analogous

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



51.4880, -65.0630, 17.2490



60.9780, 16.5430, 47.1270



50.2680, 56.8890, 53.8250

Triad

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



60.9780, 16.5430, 47.1270



61.5430, 37.4150, -11.7770



60.0070, -54.6040, -12.6200

Complementary

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



60.9780, 16.5430, 47.1270



88.0220, -16.5430, -47.1270

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.



53.9480, -38.9210, -27.0250



60.9780, 16.5430, 47.1270



56.3170, 8.2120, -27.6920

Square

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



60.9780, 16.5430, 47.1270



56.1480, 64.2330, 8.8170



46.3730, -21.7250, -41.3170



63.9800, -67.1690, 0.3430

Rectangle

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



60.9780, 16.5430, 47.1270



48.2290, 69.8200, 45.2440



46.3730, -21.7250, -41.3170



58.1830, -49.4680, -17.5960

Sweetspot

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



60.9780, 16.5430, 47.1270



136.0140, 6.5530, 18.9130



47.6240, -36.0870, 20.7530



66.4170, 3.6200, 11.4920



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



60.9780, 16.5430, 47.1270



63.1160, 25.9830, 74.2950



62.5270, 36.6260, 41.0900



57.1790, 1.0540, 2.9260



45.0470, 21.2630, 60.7110



90.9200, 43.0760, 122.4680

Inverse Universe

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



56.9410, 52.3550, 25.8510



56.8250, 82.5210, 40.8330



86.4730, -36.6260, -41.0900



56.9080, 3.2550, 1.5830



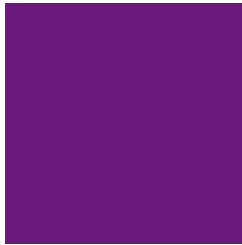
39.8830, 67.4380, 33.3420



80.3640, 136.0680, 67.1080

Previews

White Background



This preview shows how the YIQ color 60.9780, 16.5430, 47.1270 looks on a white background.

Color Contrast Check

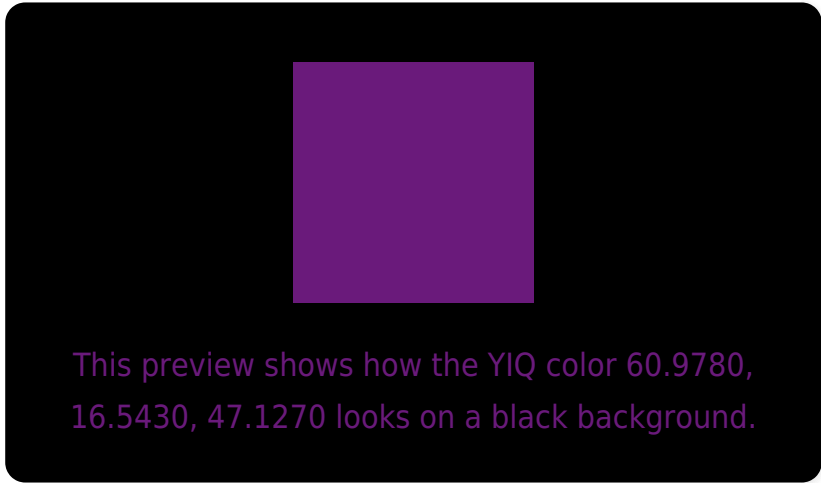
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

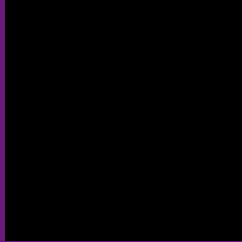
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.9780, 16.5430, 47.1270

Background



This preview shows how black text looks on a background with the YIQ color 60.9780, 16.5430, 47.1270.



This preview shows how white text looks on a background with the YIQ color 60.9780, 16.5430,

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

60.9780, 16.5430, 47.1270

Protanopia

52.9580, -60.9350, 8.5130

Deuteranopia

59.1310, -42.5490, 5.6990



Tritanopia

66.6120, 24.9400, 10.5720

Trichromacy



Original Color

60.9780, 16.5430, 47.1270

Protanomaly

55.9450, -32.5570, 22.8590

Deuteranomaly

59.9370, -20.9110, 21.0490

Tritanomaly

64.3750, 21.7740, 23.9020

Monochromacy



Original Color

60.9780, 16.5430, 47.1270

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.7750, 5.7280, 17.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.9780, 16.5430, 47.1270 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(106, 26, 123)` looks like.

```
.text, #text, p{  
    color:rgb(106, 26, 123)  
}
```

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(106, 26, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 26, 123) }
```

Border

The CSS property to change the border of an element to YIQ 60.9780, 16.5430, 47.1270 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(106, 26, 123) }
```


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

```
.border{ border-color:rgb(106, 26, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 26, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 26, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 26, 123);  
box-shadow:4px 4px 4px 4px rgb(106, 26,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 60.9780, 16.5430, 47.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 26, 123) }
```

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

```
.background{ background-color: rgb(106, 26,  
123) }
```

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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