

Converting Colors

YIQ(117.0790, 1.0420, 69.2500)

Have a look what the booklet for
YIQ(117.0790, 1.0420, 69.2500)
contains.

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Color

**YIQ(117.0790, 1.0420,
69.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	A148EA
RGB	161, 72, 234
RGB Percent	63%, 28%, 92%
CMY	0.3683, 0.7178, 0.0825
CMYK	0.31, 0.69, 0.00, 0.08
HSL	273°, 79%, 60%
HSV	273°, 69%, 92%
XYZ	31.8758, 18.1540, 79.6426
YIQ	117.0790, 1.0420, 69.2500

Conversions

Conversions Part 2

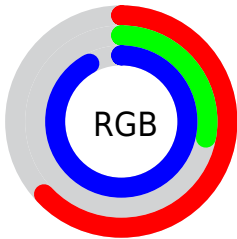
Format	Color
R _{YB}	161, 72, 234
Decimal	10569962
CIE _{Lab}	49.68, 64.27, -66.96
CIE _{LCh}	50, 92.811, 313.828
Yxy	18.1540, 0.2458, 0.1400
Android (android.graphics.Color)	4288760042 (0xFFA148EA)
YUV	117.0790, 57.6421, 38.5187
Hunter-Lab	42.6076, 58.9773, -81.0004

Details

The YIQ color **117.0790, 1.0420, 69.2500** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **188.9210, -1.0420, -69.2500**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3990, 14.3400, 59.5240**, and **52.7360, 3.7460, 75.3140** is the 20% darker color. If you saturate the color by 10%, you get **100.5880, 1.4070, 79.1590**, and if you desaturate by 10%, it is **133.8690, 1.2730, 59.5530**.

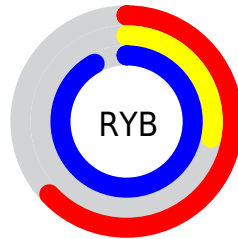
Distribution



Red (63%)

Green (28%)

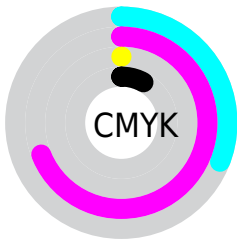
Blue (92%)



Red (63%)

Yellow (28%)

Blue (92%)

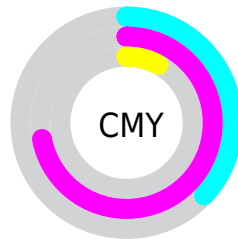


Cyan (31%)

Magenta (69%)

Yellow (0%)

Black (8%)



Cyan (37%)

Magenta (72%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.0790, 1.0420, 69.2500 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 117.0790, 1.0420, 69.2500 by changing the saturation by 10% instead.

117.0790, 1.0420,
69.2500

117.0790, 1.0420,
69.2500

255.0000, -0.0000,
-0.0000

88.0790, 1.0420,
69.2500

169.3990, 14.3400,
59.5240

52.7360, 3.7460,
75.3140

194.2180, 24.7950,
51.7630

38.9270, -4.6420,
62.1260

212.7360, 19.8000,
37.6560

26.2810, -15.0470,
46.9450

229.1720, 12.1000,
23.0120

11.0580, -31.1370,
30.1670

246.1950, 4.1250,
7.8450

8.2080, -23.1120,
22.3920

7.9340, -16.8290,

13.1470

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 117.0790, 1.0420,
69.2500

■ 117.0790, 1.0420,
69.2500

■ 100.5880, 1.4070,
79.1590

■ 133.8690, 1.2730,
59.5530

■ 83.2110, 1.4510,
89.3790


■ 150.9470, 0.6330,
49.1210


■ 66.7200, 1.8160,
99.2880

■ 167.7370, 0.8640,
39.4240


■ 65.2470, 1.7700,
100.1220

■ 184.8150, 0.2240,
28.9920

 201.6050, 0.4550,
19.2950

 218.0960, 0.0900,
9.3860

 235.4730, 0.0460,
-0.8340

 249.6160, 0.7810,
-8.6510

 252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



97.7490, -114.0300, 18.1140



117.0790, 1.0420, 69.2500



88.0640, 85.6280, 100.1880

Triad

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



117.0790, 1.0420, 69.2500



110.7480, 79.1380, -13.5180



105.0190, -90.4090, -30.0330

Complementary

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



117.0790, 1.0420, 69.2500



188.9210, -1.0420, -69.2500

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.



94.2690, -62.8950, -55.1110



117.0790, 1.0420, 69.2500



107.1510, 31.5060, -42.3660

Square

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



117.0790, 1.0420, 69.2500



93.7010, 123.1920, 25.1120



82.1800, -38.5000, -73.2200



112.8680, -113.8880, -6.4960

Rectangle

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



117.0790, 1.0420, 69.2500



87.2190, 112.4520, 87.6200



82.1800, -38.5000, -73.2200



101.9410, -81.7420, -38.4300

Sweetspot

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



117.0790, 1.0420, 69.2500



216.1260, 0.5460, 23.1540



133.3190, -72.0770, 12.2030



104.7310, -0.1400, 13.5560



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



117.0790, 1.0420, 69.2500



102.1510, 1.6800, 90.7360



137.9940, 47.1180, 82.2380



109.0480, 0.0450, 4.6930



50.5340, 1.4990, 77.4910



14.8270, -0.0500, 22.9420

Inverse Universe

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



128.7600, 73.1190, 57.0470



117.3320, 95.5360, 74.8000



168.0060, -47.1180, -82.2380



109.8590, 4.9510, 3.8870



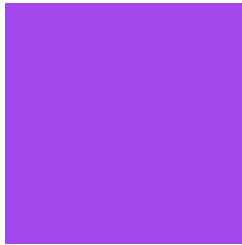
63.3530, 81.8750, 63.5630



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 117.0790, 1.0420, 69.2500 looks on a white background.

Color Contrast Check

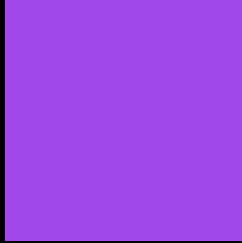
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.0790, 1.0420, 69.2500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

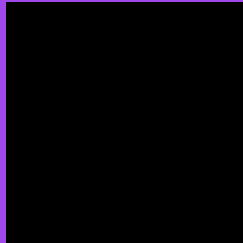
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.0790, 1.0420, 69.2500

Background



This preview shows how black text looks on a background with the YIQ color 117.0790, 1.0420, 69.2500.



This preview shows how white text looks on a background with the YIQ color 117.0790, 1.0420,

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

117.0790, 1.0420, 69.2500

Protanopia

94.3920, -108.7110, 15.3290

Deuteranopia

95.0810, -101.0060, 2.3380



Tritanopia

119.8820, 15.3120, 8.8480

Trichromacy



Original Color

117.0790, 1.0420, 69.2500



Protanomaly

102.8860, -68.4590, 34.7490



Deuteranomaly

103.0680, -63.4600, 26.7480



Tritanomaly

118.8440, 10.4480, 30.9280

Monochromacy



Original Color

117.0790, 1.0420, 69.2500



Achromatopsia

117.0000, -0.0000, 0.0000



Achromatomaly

117.2940, 0.1330, 25.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.0790, 1.0420, 69.2500 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(161, 72, 234)` looks like.

```
.text, #text, p{  
    color:rgb(161, 72, 234)  
}
```

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(161, 72, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 72, 234) }
```

Border

The CSS property to change the border of an element to YIQ 117.0790, 1.0420, 69.2500 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(161, 72, 234) }
```


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

```
.border{ border-color:rgb(161, 72, 234) }
```

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

Here you see how a box with a 4 pixel rgb(161, 72, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 72, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 72, 234);  
box-shadow:4px 4px 4px 4px rgb(161, 72,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 117.0790, 1.0420, 69.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 72, 234) }
```

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

```
.background{ background-color: rgb(161, 72,  
234) }
```

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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