

Converting Colors

YIQ(117.7750, 41.2590, 28.7070)

Have a look what the booklet for
YIQ(117.7750, 41.2590, 28.7070)
contains.

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Color

**YIQ(117.7750, 41.2590,
28.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5879
RGB	175, 88, 121
RGB Percent	69%, 35%, 47%
CMY	0.3135, 0.6550, 0.5253
CMYK	0.00, 0.50, 0.31, 0.31
HSL	337°, 35%, 52%
HSV	337°, 50%, 69%
XYZ	24.6323, 17.4755, 20.1753
YIQ	117.7750, 41.2590, 28.7070

Conversions

Conversions Part 2

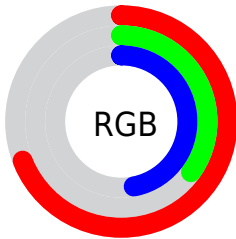
Format	Color
R_{YB}	175, 88, 121
Decimal	11491449
CIE Lab	48.85, 39.24, -2.20
CIE LCh	49, 39.301, 356.785
Yxy	17.4755, 0.3955, 0.2806
Android (android.graphics.Color)	4289681529 (0xFFAF5879)
YUV	117.7750, 1.5899, 50.1863
Hunter-Lab	41.8037, 32.0225, 0.6480

Details

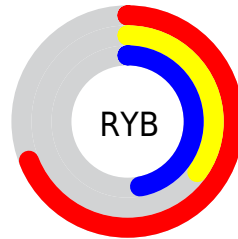
The YIQ color **117.7750, 41.2590, 28.7070** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **145.2250, -41.2590, -28.7070**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.5690, 44.8350, 29.9790**, and **65.9210, 37.9120, 28.7920** is the 20% darker color. If you saturate the color by 10%, you get **105.9550, 49.7400, 34.7000**, and if you desaturate by 10%, it is **129.0080, 33.0530, 23.2370**.

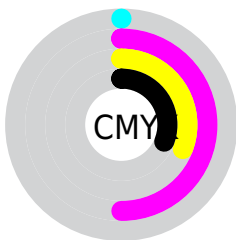
Distribution



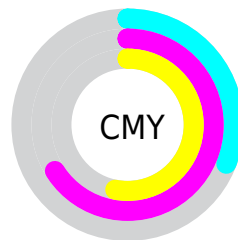
- Red (69%)
- Green (35%)
- Blue (47%)



- Red (69%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (31%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.7750, 41.2590, 28.7070 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 117.7750, 41.2590, 28.7070 by changing the saturation by 10% instead.

■ 117.7750, 41.2590,
28.7070

■ 117.7750, 41.2590,
28.7070

■ 255.0000, -0.0000,
-0.0000

■ 91.8780, 39.4710,
28.0710

■ 171.5690, 44.8350,
29.9790

■ 65.9210, 37.9120,
28.7920

■ 197.1880, 41.5340,
29.2300

■ 37.6160, 37.4530,
31.6050

■ 216.8160, 24.8460,
23.2940

■ 23.3390, 30.6230,
23.2230

■ 236.8030, 8.5250,
16.2130

■ 13.9820, 26.7740,
10.3740

■ 253.8260, 0.5500,
1.0460

■ 0.0000, 0.0000,
0.0000

■ 117.7750, 41.2590,
28.7070

■ 117.7750, 41.2590,
28.7070

■ 105.9550, 49.7400,
34.7000

■ 129.0080, 33.0530,
23.2370

■ 94.7220, 57.9460,
40.1700

■ 140.8280, 24.5720,
17.2440

■ 82.9020, 66.4270,
46.1630

■ 152.0610, 16.3660,
11.7740

■ 71.7830, 74.3120,
51.9440

■ 163.7670, 8.2060,
5.4700

■ 59.9630, 82.7930,
57.9370

■ 175.0000, -0.0000,
-0.0000


■ 59.8490, 83.1140,
57.6260

■ 186.8200, -8.4810,
-5.9930

■ 198.6400,
-16.9620, -11.9860

■ 209.8730,

-25.1680, -17.4560

 221.6930,
-33.6490, -23.4490

Harmonies

Analogous

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



119.8400, 16.2710, 30.0230



117.7750, 41.2590, 28.7070



115.7850, 52.4940, 17.8220

Triad

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



117.7750, 41.2590, 28.7070



110.0510, 12.0170, -25.0630



95.2170, -90.3660, -14.2860

Complementary

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



117.7750, 41.2590, 28.7070



145.2250, -41.2590, -28.7070

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.



94.0140, -82.8450, -23.9410



117.7750, 41.2590, 28.7070



104.3380, -22.6440, -30.1640

Square

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



117.7750, 41.2590, 28.7070



113.2500, 36.6820, -15.0140



90.7250, -72.2060, -35.0380



104.3330, -66.6650, 2.2230

Rectangle

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



117.7750, 41.2590, 28.7070



115.6350, 52.4960, 6.7680



90.7250, -72.2060, -35.0380



95.0060, -88.3940, -16.9860

Sweetspot

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



117.7750, 41.2590, 28.7070



204.6480, 16.0910, 11.2510



114.0640, 4.2570, 38.5050



101.1910, 9.9480, 6.9400



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.



117.7750, 41.2590, 28.7070



137.4780, 64.6850, 44.6930



119.8830, 49.1020, 13.2140



81.0330, 4.4010, 2.8410



51.3480, 71.1030, 49.5270



7.9030, 10.8190, 7.6750

Inverse Universe

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



117.7750, 41.2590, 28.7070



137.4780, 64.6850, 44.6930



143.1170, -49.1020, -13.2140



81.0330, 4.4010, 2.8410



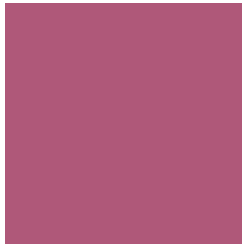
51.3480, 71.1030, 49.5270



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 117.7750, 41.2590, 28.7070 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 117.7750, 41.2590, 28.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

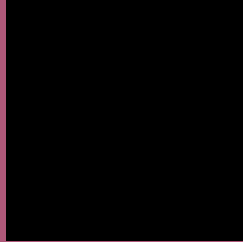
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.7750, 41.2590, 28.7070

Background



This preview shows how black text looks on a background with the YIQ color 117.7750, 41.2590, 28.7070.



This preview shows how white text looks on a background with the YIQ color 117.7750, 41.2590,

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

117.7750, 41.2590, 28.7070

Protanopia

117.3120, -9.4460, 5.9940

Deuteranopia

117.9410, 7.6560, 4.4240



Tritanopia

117.0170, 46.0290, 19.3490

Trichromacy



Original Color

117.7750, 41.2590, 28.7070

Protanomaly

117.6350, 8.9380, 14.2340

Deuteranomaly

117.8550, 19.9420, 13.0460

Tritanomaly

117.6410, 44.3320, 22.5720

Monochromacy



Original Color

117.7750, 41.2590, 28.7070

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9360, 15.2200, 10.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.7750, 41.2590, 28.7070 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(175, 88, 121)` looks like.

```
.text, #text, p{  
    color:rgb(175, 88, 121)  
}
```

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(175, 88, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 88, 121) }
```

Border

The CSS property to change the border of an element to YIQ 117.7750, 41.2590, 28.7070 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(175, 88, 121) }
```


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

```
.border{ border-color:rgb(175, 88, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 88, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 88, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 88, 121);  
box-shadow:4px 4px 4px 4px rgb(175, 88,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 117.7750, 41.2590, 28.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 88, 121) }
```

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

```
.background{ background-color: rgb(175, 88,  
121) }
```

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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