

Converting Colors

YIQ(101.9920, 3.6190, 17.0190)

Have a look what the booklet for
YIQ(101.9920, 3.6190, 17.0190)
contains.

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Color

**YIQ(101.9920, 3.6190,
17.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	745A7F
RGB	116, 90, 127
RGB Percent	45%, 35%, 50%
CMY	0.5450, 0.6471, 0.5020
CMYK	0.09, 0.29, 0.00, 0.50
HSL	282°, 17%, 43%
HSV	282°, 29%, 50%
XYZ	14.6911, 12.5572, 21.7269
YIQ	101.9920, 3.6190, 17.0190

Conversions

Conversions Part 2

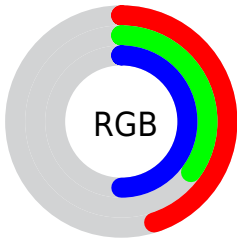
Format	Color
R_{YB}	116, 90, 127
Decimal	7625343
CIE _{Lab}	42.09, 17.95, -16.72
CIE _{LCh}	42, 24.533, 317.038
Yxy	12.5572, 0.3000, 0.2564
Android (android.graphics.Color)	4285815423 (0xFF745A7F)
YUV	101.9920, 12.3289, 12.2850
Hunter-Lab	35.4361, 11.9893, -11.5471

Details

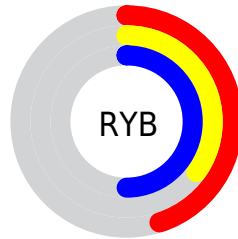
The YIQ color **101.9920, 3.6190, 17.0190** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.0080, -3.6190, -17.0190**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.9320, 3.8480, 18.3760**, and **54.7530, 2.7940, 15.4500** is the 20% darker color. If you saturate the color by 10%, you get **93.1650, 4.8100, 22.9700**, and if you desaturate by 10%, it is **110.8190, 2.4280, 11.0680**.

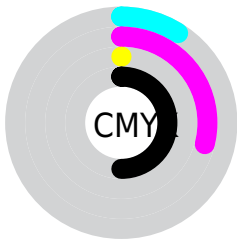
Distribution



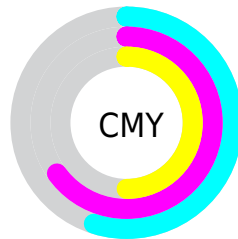
- Red (45%)
- Green (35%)
- Blue (50%)



- Red (45%)
- Yellow (35%)
- Blue (50%)



- Cyan (9%)
- Magenta (29%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.9920, 3.6190, 17.0190 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 101.9920, 3.6190, 17.0190 by changing the saturation by 10% instead.

■ 101.9920, 3.6190,
17.0190

■ 101.9920, 3.6190,
17.0190

■ 255.0000, -0.0000,
-0.0000

■ 77.5790, 3.3440,
16.4960

■ 152.9320, 3.8480,
18.3760

■ 54.7530, 2.7940,
15.4500

■ 180.2310, 4.4440,
18.5880

■ 32.9270, 2.2440,
14.4040

■ 207.7580, 4.3980,
19.4220

■ 11.6500, 4.5820,
16.0860

■ 235.0310, 7.8830,
16.8350

■ 0.7980, -2.2470,
2.1770

■ 252.6520, 1.1000,
2.0920

■ 0.0000, 0.0000,
0.0000

101.9920, 3.6190,
17.0190

101.9920, 3.6190,
17.0190

93.1650, 4.8100,
22.9700

110.8190, 2.4280,
11.0680

84.9250, 5.7260,
28.3980

119.0590, 1.5120,
5.6400

76.3970, 7.5130,
34.5610

127.5870, -0.2750,
-0.5230

67.5700, 8.7040,
40.5120

136.4140, -1.4660,
-6.4740

58.7430, 9.8950,
46.4630

144.6540, -2.3820,
-11.9020

50.5030, 10.8110,
51.8910

153.4810, -3.5730,
-17.8530

41.9750, 12.5980,
58.0540

162.0090, -5.3600,
-24.0160

41.0890, 12.2770,

170.8360, -6.5510,

58.3650

-29.9670

 179.0760, -7.4670,
-35.3950

Harmonies

Analogous

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



99.2820, -17.9290, 11.0550



101.9920, 3.6190, 17.0190



102.0880, 20.9040, 17.6400

Triad

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



101.9920, 3.6190, 17.0190



98.7840, 26.7310, -5.3730



85.1830, -49.4680, -17.5960

Complementary

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



101.9920, 3.6190, 17.0190



115.0080, -3.6190, -17.0190

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.



90.6770, -27.5520, -18.3040



101.9920, 3.6190, 17.0190



96.9130, 12.8860, -13.2740

Square

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



101.9920, 3.6190, 17.0190



99.8160, 32.8730, 4.4650



94.2250, -5.7280, -17.3440



85.4630, -55.8880, -11.3760

Rectangle

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



101.9920, 3.6190, 17.0190



101.4000, 28.6530, 14.8690



94.2250, -5.7280, -17.3440



86.8910, -42.7740, -17.7660

Sweetspot

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



101.9920, 3.6190, 17.0190



155.7000, 1.1450, 6.7850



100.6750, -14.9020, 5.7540



77.8200, 0.6870, 4.0710



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



101.9920, 3.6190, 17.0190



126.8710, 5.8180, 26.7300



104.4830, 12.4220, 17.1740



59.2930, 0.7330, 3.2370



41.5020, 12.5520, 58.8880



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.3170, 18.5210, 11.2650



127.2800, 29.1110, 17.5830



112.5170, -12.4220, -17.1740



59.3210, 3.5300, 2.1060



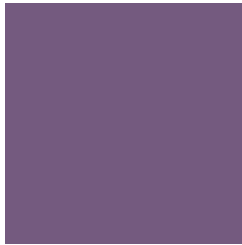
42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 101.9920, 3.6190, 17.0190 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 101.9920, 3.6190, 17.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

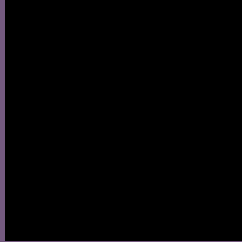
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.9920, 3.6190, 17.0190

Background



This preview shows how black text looks on a background with the YIQ color 101.9920, 3.6190, 17.0190.



This preview shows how white text looks on a background with the YIQ color 101.9920, 3.6190,

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

101.9920, 3.6190, 17.0190

Protanopia

99.5980, -16.0030, 9.1890

Deuteranopia

100.5940, -10.1800, 8.2840



Tritanopia

100.8810, 7.8850, 5.7810

Trichromacy



Original Color

101.9920, 3.6190, 17.0190

Protanomaly

100.3000, -9.1720, 12.0440

Deuteranomaly

100.9260, -5.1830, 11.3370

Tritanomaly

101.0320, 6.1420, 9.8380

Monochromacy



Original Color

101.9920, 3.6190, 17.0190

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.1730, 1.1910, 5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.9920, 3.6190, 17.0190 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(116, 90, 127)` looks like.

```
.text, #text, p{  
    color:rgb(116, 90, 127)  
}
```

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(116, 90, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 90, 127) }
```

Border

The CSS property to change the border of an element to YIQ 101.9920, 3.6190, 17.0190 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(116, 90, 127) }
```


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

```
.border{ border-color:rgb(116, 90, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 90, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 90, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 90, 127);  
box-shadow:4px 4px 4px 4px rgb(116, 90,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 101.9920, 3.6190, 17.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 90, 127) }
```

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

```
.background{ background-color: rgb(116, 90,  
127) }
```

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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