

Converting Colors

YIQ(107.1600, 3.2060, 18.9980)

Have a look what the booklet for
YIQ(107.1600, 3.2060, 18.9980)
contains.

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Color

**YIQ(107.1600, 3.2060,
18.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5E88
RGB	122, 94, 136
RGB Percent	48%, 37%, 53%
CMY	0.5215, 0.6314, 0.4667
CMYK	0.10, 0.31, 0.00, 0.47
HSL	280°, 18%, 45%
HSV	280°, 31%, 53%
XYZ	16.4746, 13.9201, 25.1092
YIQ	107.1600, 3.2060, 18.9980

Conversions

Conversions Part 2

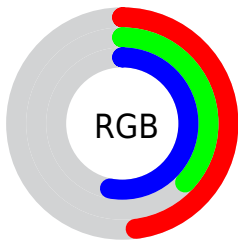
Format	Color
R_{YB}	122, 94, 136
Decimal	8019592
CIE _{Lab}	44.12, 19.65, -18.99
CIE _{LCh}	44, 27.330, 315.973
Yxy	13.9201, 0.2968, 0.2508
Android (android.graphics.Color)	4286209672 (0xFF7A5E88)
YUV	107.1600, 14.2181, 13.0147
Hunter-Lab	37.3096, 13.5276, -13.7852

Details

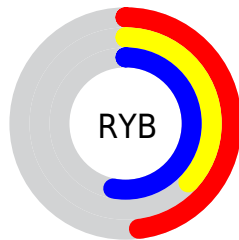
The YIQ color **107.1600, 3.2060, 18.9980** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.8400, -3.2060, -18.9980**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9860, 3.7560, 20.0440**, and **59.2200, 2.9770, 17.6410** is the 20% darker color. If you saturate the color by 10%, you get **97.7460, 4.6720, 25.4720**, and if you desaturate by 10%, it is **116.8730, 2.3360, 12.7360**.

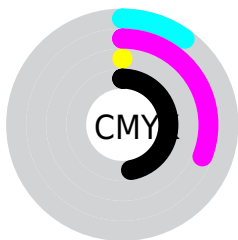
Distribution



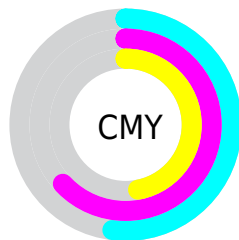
- Red (48%)
- Green (37%)
- Blue (53%)



- Red (48%)
- Yellow (37%)
- Blue (53%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.1600, 3.2060, 18.9980 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 107.1600, 3.2060, 18.9980 by changing the saturation by 10% instead.

■ 107.1600, 3.2060,
18.9980

■ 107.1600, 3.2060,
18.9980

■ 255.0000, -0.0000,
-0.0000

■ 82.7470, 2.9310,
18.4750

■ 158.9860, 3.7560,
20.0440

■ 59.2200, 2.9770,
17.6410

■ 185.8120, 4.3060,
21.0900

■ 37.0950, 1.8310,
16.3830

■ 213.9260, 3.9850,
21.4010

■ 14.5190, 3.5730,
17.8530

■ 238.5640, 7.7000,
14.6440

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

107.1600, 3.2060,
18.9980

107.1600, 3.2060,
18.9980

97.7460, 4.6720,
25.4720

116.8730, 2.3360,
12.7360

88.6200, 5.2670,
31.2110

125.7000, 1.1450,
6.7850

78.9070, 6.1370,
37.4730

135.4130, 0.2750,
0.5230

70.0800, 7.3280,
43.4240

144.2400, -0.9160,
-5.4280

60.3670, 8.1980,
49.6860

153.9530, -1.7860,
-11.6900

50.9530, 9.6640,
56.1600

163.3670, -3.2520,
-18.1640

42.7130, 10.5800,
61.5880

172.4930, -3.8470,
-23.9030

181.9070, -5.3130,

-30.3770

■ 191.0330, -5.9080,
-36.1160

Harmonies

Analogous

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



103.9550, -21.3220, 11.9740



107.1600, 3.2060, 18.9980



107.3380, 23.1960, 20.1560

Triad

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



107.1600, 3.2060, 18.9980



103.2250, 29.8030, -5.9810



85.2030, -61.3880, -21.8360

Complementary

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



107.1600, 3.2060, 18.9980



122.8400, -3.2060, -18.9980

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.



94.2420, -30.7610, -20.7210



107.1600, 3.2060, 18.9980



101.6420, 15.0870, -14.6170

Square

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



107.1600, 3.2060, 18.9980



105.0830, 36.4950, 4.9030



98.1710, -5.6360, -19.0120



82.4220, -75.0060, -17.3260

Rectangle

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



107.1600, 3.2060, 18.9980



106.2480, 32.1370, 17.8090



98.1710, -5.6360, -19.0120



88.7760, -49.8800, -21.1440

Sweetspot

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



107.1600, 3.2060, 18.9980



165.1130, 1.4200, 7.3080



107.0060, -17.3320, 5.7400



82.2330, 0.9620, 4.5940



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



107.1600, 3.2060, 18.9980



131.2670, 4.7630, 29.3310



110.5480, 13.7970, 19.7890



64.2930, 0.7330, 3.2370



41.4740, 9.7550, 60.0190



1.4670, 0.1830, 2.1910

Inverse Universe

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



108.1540, 20.5380, 13.2580



132.9430, 31.6780, 20.6220



119.4520, -13.7970, -19.7890



64.3210, 3.5300, 2.1060



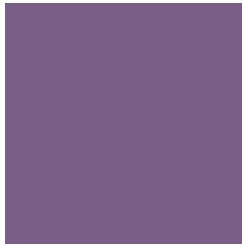
44.7830, 65.1440, 41.8800



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 107.1600, 3.2060, 18.9980 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 107.1600, 3.2060, 18.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

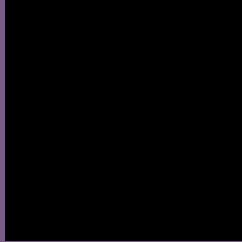
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.1600, 3.2060, 18.9980

Background



This preview shows how black text looks on a background with the YIQ color 107.1600, 3.2060, 18.9980.



This preview shows how white text looks on a background with the YIQ color 107.1600, 3.2060,

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

107.1600, 3.2060, 18.9980

Protanopia

104.5700, -18.8000, 10.3200

Deuteranopia

105.3380, -12.3350, 8.7930



Tritanopia

106.1800, 8.4810, 5.9930

Trichromacy



Original Color

107.1600, 3.2060, 18.9980

Protanomaly

105.7560, -10.4560, 13.2880

Deuteranomaly

106.0830, -7.0630, 12.3690

Tritanomaly

106.5590, 6.0960, 10.6720

Monochromacy



Original Color

107.1600, 3.2060, 18.9980

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.8140, 0.8240, 7.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.1600, 3.2060, 18.9980 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(122, 94, 136)` looks like.

```
.text, #text, p{  
    color:rgb(122, 94, 136)  
}
```

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(122, 94, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 94, 136) }
```

Border

The CSS property to change the border of an element to YIQ 107.1600, 3.2060, 18.9980 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(122, 94, 136) }
```


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

```
.border{ border-color:rgb(122, 94, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 94, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 94, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 94, 136);  
box-shadow:4px 4px 4px 4px rgb(122, 94,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 107.1600, 3.2060, 18.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 94, 136) }
```

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

```
.background{ background-color: rgb(122, 94,  
136) }
```

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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