

Converting Colors

YIQ(107.5800, 1.6030, 9.4990)

Have a look what the booklet for
YIQ(107.5800, 1.6030, 9.4990)
contains.

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Color

**YIQ(107.5800, 1.6030,
9.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	73657A
RGB	115, 101, 122
RGB Percent	45%, 40%, 48%
CMY	0.5490, 0.6039, 0.5216
CMYK	0.06, 0.17, 0.00, 0.52
HSL	280°, 9%, 44%
HSV	280°, 17%, 48%
XYZ	15.2376, 14.3569, 20.3796
YIQ	107.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

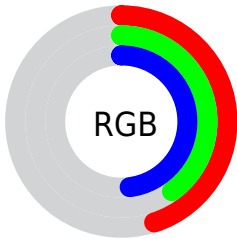
Format	Color
R_{YB}	115, 101, 122
Decimal	7562618
CIE Lab	44.74, 9.81, -9.68
CIE LCh	45, 13.780, 315.379
Yxy	14.3569, 0.3049, 0.2873
Android (android.graphics.Color)	4285752698 (0xFF73657A)
YUV	107.5800, 7.1091, 6.5073
Hunter-Lab	37.8906, 5.4749, -5.3660

Details

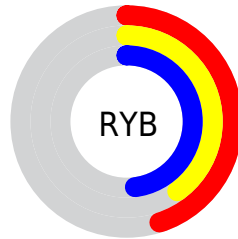
The YIQ color **107.5800, 1.6030, 9.4990** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.4200, -1.6030, -9.4990**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9930, 1.8780, 10.0220**, and **60.0530, 1.6490, 8.6650** is the 20% darker color. If you saturate the color by 10%, you get **99.3400, 2.5190, 14.9270**, and if you desaturate by 10%, it is **115.8200, 0.6870, 4.0710**.

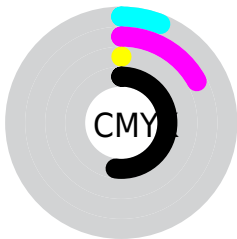
Distribution



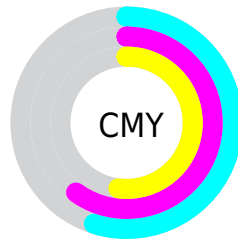
- Red (45%)
- Green (40%)
- Blue (48%)



- Red (45%)
- Yellow (40%)
- Blue (48%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.5800, 1.6030, 9.4990 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 107.5800, 1.6030, 9.4990 by changing the saturation by 10% instead.


 107.5800, 1.6030,
9.4990


 107.5800, 1.6030,
9.4990


255.0000, -0.0000,
-0.0000

 83.1670, 1.3280,
8.9760


 158.9930, 1.8780,
10.0220

 60.0530, 1.6490,
8.6650


 186.1070, 1.5570,
10.3330

 38.3410, 0.7780,
7.9300

 213.5200, 1.8320,
10.8560

 17.3520, 2.2450,
8.8770

 241.4770, 3.3910,
10.1350

 0.1140, -0.3210,
0.3110

 0.0000, 0.0000,
0.0000

■ 107.5800, 1.6030,
9.4990

■ 107.5800, 1.6030,
9.4990

■ 99.3400, 2.5190,
14.9270

■ 115.8200, 0.6870,
4.0710

■ 91.1000, 3.4350,
20.3550

■ 124.0600, -0.2290,
-1.3570

■ 82.2730, 4.6260,
26.3060

■ 132.8870, -1.4200,
-7.3080

■ 74.0330, 5.5420,
31.7340

■ 141.1270, -2.3360,
-12.7360

■ 65.7930, 6.4580,
37.1620

■ 149.3670, -3.2520,
-18.1640

■ 57.5530, 7.3740,
42.5900

■ 157.6070, -4.1680,
-23.5920

■ 49.3130, 8.2900,
48.0180

■ 165.8470, -5.0840,
-29.0200

■ 40.4860, 9.4810,

■ 174.6740, -6.2750,

53.9690

-34.9710

■ 38.1270, 9.1140,
55.1140

■ 183.2130, -6.5950,
-40.1870

Harmonies

Analogous

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



106.1270, -10.3630, 6.0930



107.5800, 1.6030, 9.4990



107.6690, 11.5980, 10.0780

Triad

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



107.5800, 1.6030, 9.4990



105.9170, 16.2310, -2.3050



100.8230, -21.7310, -8.1550

Complementary

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



107.5800, 1.6030, 9.4990



115.4200, -1.6030, -9.4990

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.



101.9610, -13.4320, -9.8800



107.5800, 1.6030, 9.4990



104.6770, 7.9790, -6.9410

Square

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



107.5800, 1.6030, 9.4990



107.2320, 19.8980, 2.8260



103.1210, -2.1990, -9.7110



101.7890, -24.3910, -3.9990

Rectangle

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



107.5800, 1.6030, 9.4990



107.9530, 16.5500, 8.4380



103.1210, -2.1990, -9.7110



101.0790, -19.5760, -8.6640

Sweetspot

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



107.5800, 1.6030, 9.4990



152.4070, 0.4120, 3.5480



107.5030, -8.6660, 2.8700



75.4670, 0.1830, 2.1910



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



107.5800, 1.6030, 9.4990



135.3400, 2.5190, 14.9270



109.2170, 7.0590, 9.7390



56.8800, 0.4580, 2.7140



39.0670, 9.3430, 56.4710



78.9600, 19.2360, 113.9880

Inverse Universe

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



108.0770, 10.2690, 6.6290



136.1210, 16.1370, 10.4170



113.6690, -6.7380, -10.0500



57.0220, 2.9340, 1.8940



42.1630, 61.0180, 39.5620



84.9240, 123.2280, 79.5480

Previews

White Background



This preview shows how the YIQ color 107.5800, 1.6030, 9.4990 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 107.5800, 1.6030, 9.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

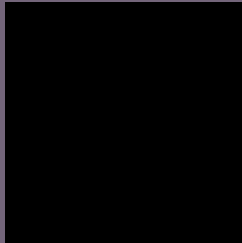
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.5800, 1.6030, 9.4990

Background



This preview shows how black text looks on a background with the YIQ color 107.5800, 1.6030, 9.4990.



This preview shows how white text looks on a background with the YIQ color 107.5800, 1.6030,

9.4990.

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

107.5800, 1.6030, 9.4990

Protanopia

106.3830, -8.2080, 5.5840

Deuteranopia

106.9600, -2.5230, 7.1810



Tritanopia

106.9020, 3.3920, 4.6080

Trichromacy



Original Color

107.5800, 1.6030, 9.4990

Protanomaly

107.1770, -4.6320, 6.8560

Deuteranomaly

106.9710, -1.0560, 8.1280

Tritanomaly

107.0700, 2.9790, 6.5870

Monochromacy



Original Color

107.5800, 1.6030, 9.4990

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.5800, 1.6030, 9.4990 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(115, 101, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 101, 122)  
}
```

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(115, 101, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 101, 122) }
```

Border

The CSS property to change the border of an element to YIQ 107.5800, 1.6030, 9.4990 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(115, 101, 122) }
```


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

```
.border{ border-color:rgb(115, 101, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 101, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 101, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 101, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 101,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 107.5800, 1.6030, 9.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 101, 122) }
```

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

```
.background{ background-color: rgb(115,  
101, 122) }
```

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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