

Converting Colors

YIQ(99.5800, 1.6030, 9.4990)

Have a look what the booklet for
YIQ(99.5800, 1.6030, 9.4990)
contains.

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Color

YIQ(99.5800, 1.6030, 9.4990)

Conversions

Conversions Part 1

Format	Color
Hex	6B5D72
RGB	107, 93, 114
RGB Percent	42%, 36%, 45%
CMY	0.5803, 0.6353, 0.5529
CMYK	0.06, 0.18, 0.00, 0.55
HSL	280°, 10%, 41%
HSV	280°, 18%, 45%
XYZ	13.0158, 12.1691, 17.5817
YIQ	99.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

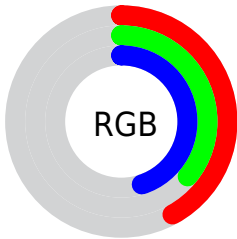
Format	Color
R_{YB}	107, 93, 114
Decimal	7036274
CIE _{Lab}	41.48, 9.95, -9.80
CIE _{LCh}	41, 13.962, 315.424
Yxy	12.1691, 0.3043, 0.2845
Android (android.graphics.Color)	4285226354 (0xFF6B5D72)
YUV	99.5800, 7.1091, 6.5073
Hunter-Lab	34.8842, 5.5536, -5.4633

Details

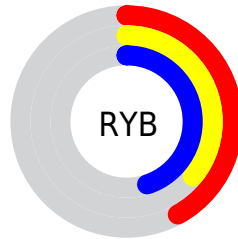
The YIQ color **99.5800, 1.6030, 9.4990** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.4200, -1.6030, -9.4990**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.1070, 1.5570, 10.3330**, and **53.0530, 1.6490, 8.6650** is the 20% darker color. If you saturate the color by 10%, you get **91.9270, 2.2440, 14.4040**, and if you desaturate by 10%, it is **107.2330, 0.9620, 4.5940**.

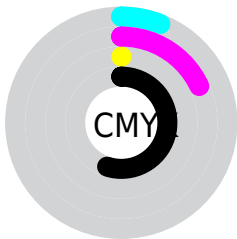
Distribution



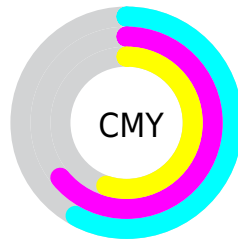
- Red (42%)
- Green (36%)
- Blue (45%)



- Red (42%)
- Yellow (36%)
- Blue (45%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.5800, 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 99.5800, 1.6030, 9.4990 by changing the saturation by 10% instead.

■ 99.5800, 1.6030,
9.4990

■ 99.5800, 1.6030,
9.4990

255.0000, -0.0000,
-0.0000

■ 75.4660, 1.9240,
9.1880

■ 150.1070, 1.5570,
10.3330

■ 53.0530, 1.6490,
8.6650

■ 177.1070, 1.5570,
10.3330

■ 31.6400, 1.3740,
8.1420

■ 204.5200, 1.8320,
10.8560

■ 8.1180, 3.0240,
11.2800

■ 232.8190, 2.4280,
11.0680

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2750,
0.5230

■ 99.5800, 1.6030,
9.4990

■ 99.5800, 1.6030,
9.4990

■ 91.9270, 2.2440,
14.4040

■ 107.2330, 0.9620,
4.5940

■ 83.6870, 3.1600,
19.8320

■ 115.4730, 0.0460,
-0.8340

■ 76.3330, 4.3970,
24.9490

■ 122.8270, -1.1910,
-5.9510

■ 68.0930, 5.3130,
30.3770

■ 131.0670, -2.1070,
-11.3790

■ 60.4400, 5.9540,
35.2820

■ 138.7200, -2.7480,
-16.2840

■ 52.7870, 6.5950,
40.1870

■ 146.3730, -3.3890,
-21.1890

■ 44.5470, 7.5110,
45.6150

■ 154.6130, -4.3050,
-26.6170

■ 37.1930, 8.7480,

■ 161.9670, -5.5420,

50.7320

-31.7340

■ 35.7200, 8.7020,
51.5660

■ 170.2070, -6.4580,
-37.1620

Harmonies

Analogous

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



98.1270, -10.3630, 6.0930



99.5800, 1.6030, 9.4990



99.6690, 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.



99.5800, 1.6030, 9.4990



97.9170, 16.2310, -2.3050



92.8230, -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.



99.5800, 1.6030, 9.4990



107.4200, -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.



93.9610, -13.4320, -9.8800



99.5800, 1.6030, 9.4990



96.6770, 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.



99.5800, 1.6030, 9.4990



98.9330, 19.3020, 2.6140



95.2350, -2.5200, -9.4000



93.7890, -24.3910, -3.9990

Rectangle

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



99.5800, 1.6030, 9.4990



99.9530, 16.5500, 8.4380



95.2350, -2.5200, -9.4000



93.0790, -19.5760, -8.6640

Sweetspot

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



99.5800, 1.6030, 9.4990



141.8200, 0.6870, 4.0710



99.5030, -8.6660, 2.8700



70.4670, 0.1830, 2.1910



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



99.5800, 1.6030, 9.4990



125.3400, 2.5190, 14.9270



101.2170, 7.0590, 9.7390



51.8800, 0.4580, 2.7140



37.6000, 9.1600, 54.2800



77.4930, 19.0530, 111.7970

Inverse Universe

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



100.0770, 10.2690, 6.6290



126.1210, 16.1370, 10.4170



105.6690, -6.7380, -10.0500



52.0220, 2.9340, 1.8940



40.4400, 58.6800, 37.8800



83.2010, 120.8900, 77.8660

Previews

White Background



This preview shows how the YIQ color 99.5800, 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 99.5800, 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 99.5800, 1.6030, 9.4990

Background



This preview shows how black text looks on a background with the YIQ color 99.5800, 1.6030, 9.4990.



This preview shows how white text looks on a background with the YIQ color 99.5800, 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

99.5800, 1.6030, 9.4990

Protanopia

98.3830, -8.2080, 5.5840

Deuteranopia

99.2480, -3.3940, 6.4460



Tritanopia

98.7880, 3.7130, 4.2970

Trichromacy



Original Color

99.5800, 1.6030, 9.4990

Protanomaly

99.1770, -4.6320, 6.8560

Deuteranomaly

99.5580, -1.3310, 7.6050

Tritanomaly

98.9560, 3.3000, 6.2760

Monochromacy



Original Color

99.5800, 1.6030, 9.4990

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.5800, 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(107, 93, 114)` looks like.

```
.text, #text, p{  
    color:rgb(107, 93, 114)  
}
```

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(107, 93, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 93, 114) }
```

Border

The CSS property to change the border of an element to YIQ 99.5800, 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(107, 93, 114) }
```

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

```
.border{ border-color:rgb(107, 93, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 93, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 93, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 93, 114); box-shadow:4px 4px 4px 4px rgb(107, 93, 114) }
```


Background

The CSS property to change the background color of an element to YIQ 99.5800, 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(107, 93, 114) }
```

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

```
.background{ background-color: rgb(107, 93,  
114) }
```

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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