

Converting Colors

YIQ(98.8400, 15.1300, 1.1300)

Have a look what the booklet for
YIQ(98.8400, 15.1300, 1.1300)
contains.

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Color

**YIQ(98.8400, 15.1300,
1.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	725E54
RGB	114, 94, 84
RGB Percent	45%, 37%, 33%
CMY	0.5529, 0.6314, 0.6705
CMYK	0.00, 0.18, 0.26, 0.55
HSL	20°, 15%, 39%
HSV	20°, 26%, 45%
XYZ	12.5437, 12.2224, 10.0891
YIQ	98.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

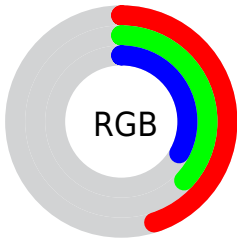
Format	Color
R_{YB}	114, 99, 84
Decimal	7495252
CIE Lab	41.57, 6.43, 8.75
CIE LCh	42, 10.860, 53.696
Yxy	12.2224, 0.3599, 0.3507
Android (android.graphics.Color)	4285685332 (0xFF725E54)
YUV	98.8400, -7.3161, 13.2953
Hunter-Lab	34.9605, 2.8640, 7.3622

Details

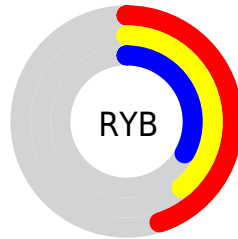
The YIQ color **98.8400, 15.1300, 1.1300** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.1600, -15.1300, -1.1300**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4380, 16.3220, 1.5540**, and **52.0570, 13.0210, 0.8050** is the 20% darker color. If you saturate the color by 10%, you get **92.8900, 20.8610, 1.8930**, and if you desaturate by 10%, it is **104.7900, 9.3990, 0.3670**.

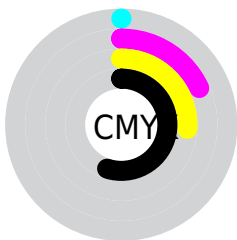
Distribution



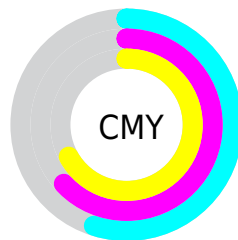
- Red (45%)
- Green (37%)
- Blue (33%)



- Red (45%)
- Yellow (39%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (55%)



- Cyan (55%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.8400, 15.1300, 1.1300 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 98.8400, 15.1300, 1.1300 by changing the saturation by 10% instead.

■ 98.8400, 15.1300,
1.1300

■ 98.8400, 15.1300,
1.1300

■ 255.0000, -0.0000,
-0.0000

■ 74.6550, 14.2130,
1.2290

■ 149.4380, 16.3220,
1.5540

■ 52.0570, 13.0210,
0.8050

■ 176.6230, 17.2390,
1.4550

■ 30.8720, 12.1040,
0.9040

■ 203.9220, 17.8350,
1.6670

■ 6.5780, 13.1120,
4.6640

■ 231.8080, 18.1560,
1.3560

■ 0.0000, 0.0000,
0.0000

■ 253.6320, 3.8520,
-3.7320

■ 98.8400, 15.1300,
1.1300

■ 98.8400, 15.1300,
1.1300

■ 92.8900, 20.8610,
1.8930

■ 104.7900, 9.3990,
0.3670

■ 87.4130, 26.6380,
1.8220

■ 110.2670, 3.6220,
0.4380

■ 81.4630, 32.3690,
2.5850

■ 116.2170, -2.1090,
-0.3250

■ 75.9860, 38.1460,
2.5140

■ 121.6940, -7.8860,
-0.2540

■ 70.0360, 43.8770,
3.2770

■ 127.6440,
-13.6170, -1.0170

■ 64.0860, 49.6080,
4.0400

■ 133.5940,
-19.3480, -1.7800

■ 58.6090, 55.3850,
3.9690

■ 139.0710,
-25.1250, -1.7090

■ 56.3920, 57.4940,

■ 145.0210,

4.2940

-30.8560, -2.4720

■ 150.4980,
-36.6330, -2.4010

Harmonies

Analogous

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



99.3610, 15.2210, 4.9890



98.8400, 15.1300, 1.1300



98.0520, 11.4170, -3.1670

Triad

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



98.8400, 15.1300, 1.1300



95.0260, -12.0570, -7.2650



98.3510, -5.1820, 5.8100

Complementary

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



98.8400, 15.1300, 1.1300



99.1600, -15.1300, -1.1300

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.



97.0510, -13.2050, 2.5310



98.8400, 15.1300, 1.1300



94.8560, -17.3300, -5.3140

Square

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



98.8400, 15.1300, 1.1300



95.8050, -4.1250, -7.8450



95.6650, -18.1100, -2.1900



99.8960, 3.5290, 7.6330

Rectangle

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



98.8400, 15.1300, 1.1300



97.5460, 6.9700, -5.1740



95.6650, -18.1100, -2.1900



97.8560, -8.1620, 4.7500

Sweetspot

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



98.8400, 15.1300, 1.1300



141.9360, 6.0520, 0.4520



95.3640, 11.1390, 12.8910



70.2670, 3.6220, 0.4380



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.



98.8400, 15.1300, 1.1300



123.8580, 23.8870, 2.1190



107.6450, 11.0050, -6.7150



52.9680, 3.0260, 0.2260



59.3600, 60.5200, 4.5200



121.9870, 124.6620, 9.4780

Inverse Universe

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



99.1600, -15.1300, -1.1300



124.5550, -23.6120, -1.5960



90.9420, -11.2800, 6.1920



53.0320, -3.0260, -0.2260



60.6400, -60.5200, -4.5200



125.0130, -124.6620, -9.4780

Previews

White Background



This preview shows how the YIQ color 98.8400, 15.1300, 1.1300 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 98.8400, 15.1300, 1.1300 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 98.8400, 15.1300, 1.1300

Background



This preview shows how black text looks on a background with the YIQ color 98.8400, 15.1300, 1.1300.



This preview shows how white text looks on a background with the YIQ color 98.8400, 15.1300,

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

98.8400, 15.1300, 1.1300

Protanopia

98.1270, 6.8320, -2.6720

Deuteranopia

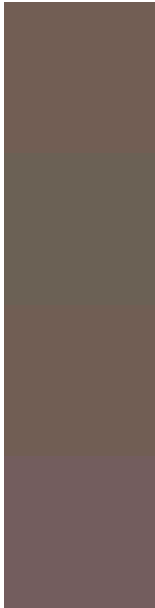
98.5410, 14.5340, 0.9180



Tritanopia

99.9740, 12.0570, 7.2650

Trichromacy



Original Color

98.8400, 15.1300, 1.1300

Protanomaly

98.6220, 9.8120, -1.6120

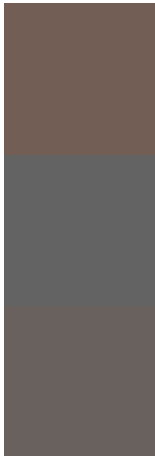
Deuteranomaly

98.5410, 14.5340, 0.9180

Tritanomaly

99.6920, 12.7910, 4.9750

Monochromacy



Original Color

98.8400, 15.1300, 1.1300

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.7510, 5.1350, 0.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.8400, 15.1300, 1.1300 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(114, 94, 84)` looks like.

```
.text, #text, p{  
    color:rgb(114, 94, 84)  
}
```

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(114, 94, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 94, 84) }
```

Border

The CSS property to change the border of an element to YIQ 98.8400, 15.1300, 1.1300 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(114, 94, 84) }
```


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

```
.border{ border-color:rgb(114, 94, 84) }
```

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

Here you see how a box with a 4 pixel rgb(114, 94, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 94, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 94, 84);  
box-shadow:4px 4px 4px 4px rgb(114, 94,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 98.8400, 15.1300, 1.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 94, 84) }
```

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

```
.background{ background-color: rgb(114, 94,  
84) }
```

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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