

Converting Colors

YIQ(98.9400, 35.7600, 12.7200)

Have a look what the booklet for
YIQ(98.9400, 35.7600, 12.7200)
contains.

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Color

**YIQ(98.9400, 35.7600,
12.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5151
RGB	141, 81, 81
RGB Percent	55%, 32%, 32%
CMY	0.4469, 0.6824, 0.6822
CMYK	0.00, 0.43, 0.43, 0.45
HSL	360°, 27%, 44%
HSV	360°, 43%, 55%
XYZ	15.4178, 12.1416, 9.3227
YIQ	98.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

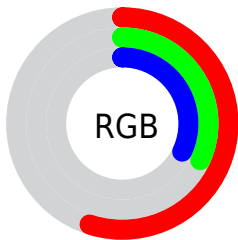
Format	Color
RYB	141, 81, 81
Decimal	9261393
CIELab	41.44, 25.10, 10.88
CIElCh	41, 27.358, 23.445
Yxy	12.1416, 0.4180, 0.3292
Android (android.graphics.Color)	4287451473 (0xFF8D5151)
YUV	98.9400, -8.8444, 36.8866
Hunter-Lab	34.8449, 18.0024, 8.5285

Details

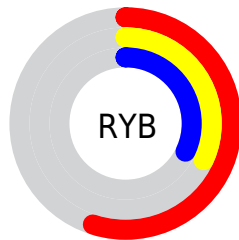
The YIQ color **98.9400, 35.7600, 12.7200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123.0600, -35.7600, -12.7200**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6200, 39.6570, 13.6810**, and **50.4880, 31.2210, 12.3810** is the 20% darker color. If you saturate the color by 10%, you get **89.1260, 44.1040, 15.6880**, and if you desaturate by 10%, it is **108.7540, 27.4160, 9.7520**.

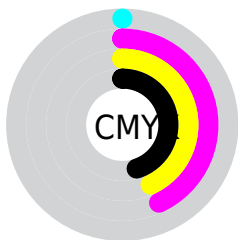
Distribution



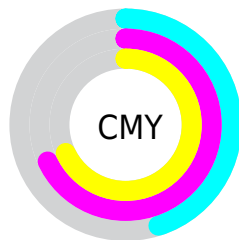
- Red (55%)
- Green (32%)
- Blue (32%)



- Red (55%)
- Yellow (32%)
- Blue (32%)



- Cyan (0%)
- Magenta (43%)
- Yellow (43%)
- Black (45%)



- Cyan (45%)
- Magenta (68%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.9400, 35.7600, 12.7200 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 98.9400, 35.7600, 12.7200 by changing the saturation by 10% instead.

■ 98.9400, 35.7600,
12.7200

■ 98.9400, 35.7600,
12.7200

■ 255.0000, -0.0000,
-0.0000

■ 74.1570, 33.6510,
12.3950

■ 150.6200, 39.6570,
13.6810

■ 50.4880, 31.2210,
12.3810

■ 177.8050, 40.5740,
13.5820

■ 27.1180, 29.3870,
12.5790

■ 205.7020, 42.3620,
14.2180

■ 12.2590, 24.4360,
8.6920

■ 225.3300, 25.6740,
8.2820

■ 0.0000, 0.0000,
0.0000

■ 244.9580, 8.9860,
2.3460

■ 98.9400, 35.7600,
12.7200

■ 98.9400, 35.7600,
12.7200

■ 89.1260, 44.1040,
15.6880

■ 108.7540, 27.4160,
9.7520

■ 79.3120, 52.4480,
18.6560

■ 118.5680, 19.0720,
6.7840

■ 69.4980, 60.7920,
21.6240

■ 128.3820, 10.7280,
3.8160

■ 59.6840, 69.1360,
24.5920

■ 138.1960, 2.3840,
0.8480

■ 49.2830, 77.7550,
28.0830

■ 148.0100, -5.9600,
-2.1200


■ 42.1590, 84.0360,
29.8920

■ 158.5250,
-14.9000, -5.3000

■ 168.3390,
-23.2440, -8.2680

■ 178.1530,

-31.5880, -11.2360

 187.9670,
-39.9320, -14.2040

Harmonies

Analogous

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



100.0780, 26.8640, 19.7600



98.9400, 35.7600, 12.7200



97.9040, 35.4410, 1.9770

Triad

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



98.9400, 35.7600, 12.7200



91.1210, -11.3670, -19.7750



91.6210, -41.1730, 2.7870

Complementary

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



98.9400, 35.7600, 12.7200



123.0600, -35.7600, -12.7200

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.



77.9710, -72.1180, -14.5980



98.9400, 35.7600, 12.7200



85.2350, -38.0510, -20.7630

Square

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



98.9400, 35.7600, 12.7200



94.3640, 9.9980, -16.0020



77.0930, -66.8900, -21.2420



98.8310, -15.0410, 13.7830

Rectangle

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



98.9400, 35.7600, 12.7200



97.0510, 30.3530, -4.9350



77.0930, -66.8900, -21.2420



88.3700, -50.8920, -2.7960

Sweetspot

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



98.9400, 35.7600, 12.7200



167.1760, 14.3040, 5.0880



105.4810, 15.9040, 31.1680



81.4850, 8.9400, 3.1800



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



98.9400, 35.7600, 12.7200



118.1060, 56.0240, 19.9280



115.9630, 27.7850, -2.4470



66.0930, 4.1720, 1.4840



40.3650, 80.4600, 28.6200



2.3920, 4.7680, 1.6960

Inverse Universe

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



98.9400, 35.7600, 12.7200



118.1060, 56.0240, 19.9280



106.0370, -27.7850, 2.4470



66.0930, 4.1720, 1.4840



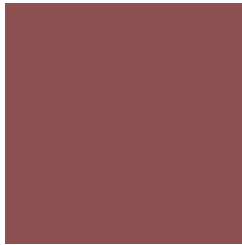
40.3650, 80.4600, 28.6200



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 98.9400, 35.7600, 12.7200 looks on a white background.

Color Contrast Check

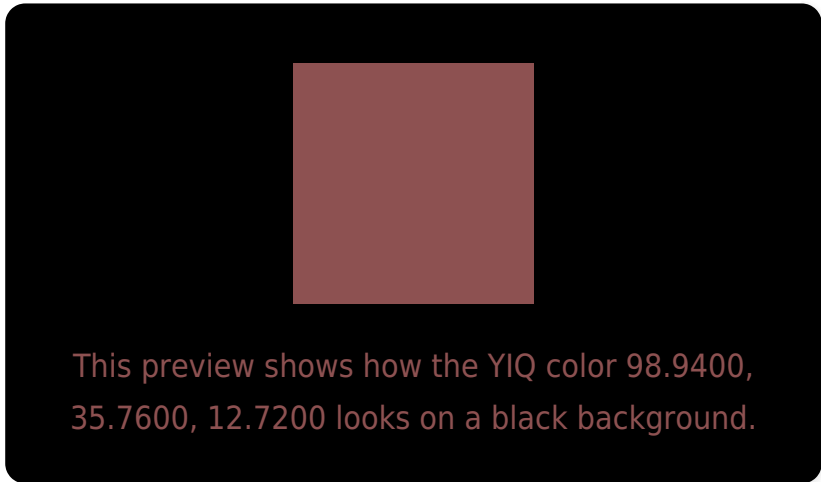
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

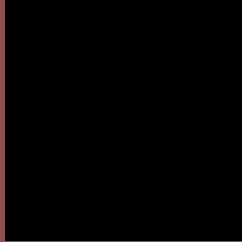
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.9400, 35.7600, 12.7200

Background



This preview shows how black text looks on a background with the YIQ color 98.9400, 35.7600, 12.7200.

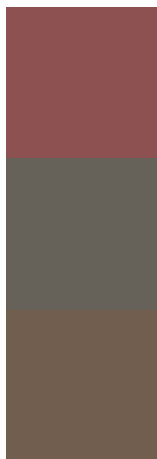


This preview shows how white text looks on a background with the YIQ color 98.9400, 35.7600,

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

98.9400, 35.7600, 12.7200

Protanopia

98.2840, 4.9520, -1.6400

Deuteranopia

98.2700, 16.7350, -0.4250



Tritanopia

98.9230, 34.4300, 14.7980

Trichromacy



Original Color

98.9400, 35.7600, 12.7200

Protanomaly

98.6060, 15.9090, 3.5330

Deuteranomaly

98.4390, 23.7490, 4.6210

Tritanomaly

98.6950, 35.0720, 14.1760

Monochromacy



Original Color

98.9400, 35.7600, 12.7200

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.5780, 13.1120, 4.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.9400, 35.7600, 12.7200 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(141, 81, 81)` looks like.

```
.text, #text, p{  
    color:rgb(141, 81, 81)  
}
```

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(141, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 81, 81) }
```

Border

The CSS property to change the border of an element to YIQ 98.9400, 35.7600, 12.7200 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(141, 81, 81) }
```


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

```
.border{ border-color:rgb(141, 81, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 81, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(141, 81,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 98.9400, 35.7600, 12.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 81, 81) }
```

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

```
.background{ background-color: rgb(141, 81,  
81) }
```

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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