

Converting Colors

YIQ(98.5050, 32.5510, 10.3030)

Have a look what the booklet for
YIQ(98.5050, 32.5510, 10.3030)
contains.

YIQ(98.5050, 32.5510, 10.3030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(98.5050, 32.5510,
10.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	885350
RGB	136, 83, 80
RGB Percent	53%, 33%, 31%
CMY	0.4665, 0.6746, 0.6861
CMYK	0.00, 0.39, 0.41, 0.47
HSL	3°, 26%, 42%
HSV	3°, 41%, 53%
XYZ	14.6992, 11.9997, 9.1373
YIQ	98.5050, 32.5510, 10.3030

Conversions

Conversions Part 2

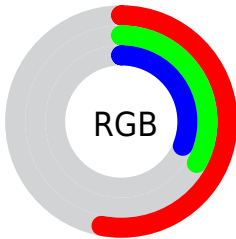
Format	Color
R_{YB}	136, 83, 80
Decimal	8934224
CIE _{Lab}	41.22, 21.76, 11.09
CIE _{LCh}	41, 24.425, 26.991
Yxy	11.9997, 0.4102, 0.3348
Android (android.graphics.Color)	4287124304 (0xFF885350)
YUV	98.5050, -9.1230, 32.8831
Hunter-Lab	34.6406, 15.1231, 8.6091

Details

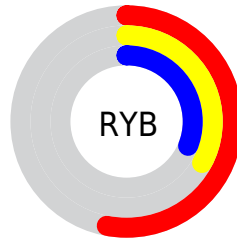
The YIQ color **98.5050, 32.5510, 10.3030** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117.4950, -32.5510, -10.3030**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8860, 35.8520, 11.0520**, and **50.9390, 28.3330, 9.6530** is the 20% darker color. If you saturate the color by 10%, you get **89.2780, 40.6200, 12.7480**, and if you desaturate by 10%, it is **107.7320, 24.4820, 7.8580**.

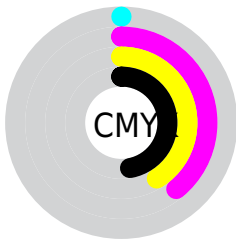
Distribution



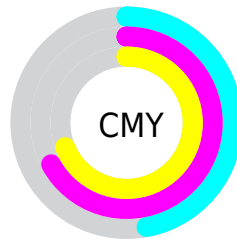
- Red (53%)
- Green (33%)
- Blue (31%)



- Red (53%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (41%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.5050, 32.5510, 10.3030 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 98.5050, 32.5510, 10.3030 by changing the saturation by 10% instead.

■ 98.5050, 32.5510,
10.3030

■ 98.5050, 32.5510,
10.3030

255.0000, -0.0000,
-0.0000

■ 74.0210, 31.0380,
10.1900

■ 149.8860, 35.8520,
11.0520

■ 50.9390, 28.3330,
9.6530

■ 177.3700, 37.3650,
11.1650

■ 28.1560, 26.2240,
9.3280

■ 204.9680, 38.5570,
11.5890

■ 11.3620, 22.6480,
8.0560

■ 225.8030, 25.7200,
7.4480

■ 0.0000, 0.0000,
0.0000

■ 246.0180, 8.7570,
0.9890

■ 98.5050, 32.5510,
10.3030

■ 98.5050, 32.5510,
10.3030

■ 89.2780, 40.6200,
12.7480

■ 107.7320, 24.4820,
7.8580

■ 80.1650, 48.3680,
15.5040

■ 116.8450, 16.7340,
5.1020

■ 70.9380, 56.4370,
17.9490

■ 126.0720, 8.6650,
2.6570

■ 61.8250, 64.1850,
20.7050

■ 135.1850, 0.9170,
-0.0990

■ 53.1850, 71.9790,
22.6270

■ 143.8250, -6.8770,
-2.0210

■ 44.7730, 79.1310,
25.1710

■ 153.0520,
-14.9460, -4.4660

■ 162.1650,
-22.6940, -7.2220

■ 171.3920,

-30.7630, -9.6670

■ 180.5050,
-38.5110, -12.4230

Harmonies

Analogous

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



99.6000, 25.2140, 16.6220



98.5050, 32.5510, 10.3030



97.2240, 31.5440, 1.0160

Triad

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



98.5050, 32.5510, 10.3030



91.1040, -12.6970, -17.6970



93.7530, -32.7370, 4.0870

Complementary

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



98.5050, 32.5510, 10.3030



117.4950, -32.5510, -10.3030

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.



85.7240, -52.1290, -7.9130



98.5050, 32.5510, 10.3030



86.6700, -34.8420, -18.3460

Square

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



98.5050, 32.5510, 10.3030



93.7490, 7.4760, -14.3480



81.8880, -55.8870, -16.9030



98.7560, -10.4560, 13.2880

Rectangle

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



98.5050, 32.5510, 10.3030



96.4850, 26.1350, -5.5850



81.8880, -55.8870, -16.9030



91.5240, -39.5220, 0.3980

Sweetspot

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



98.5050, 32.5510, 10.3030



161.8660, 12.2410, 3.9290



102.7860, 16.3630, 28.3550



80.5880, 7.1520, 2.5440



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.



98.5050, 32.5510, 10.3030



118.0620, 50.1560, 16.1400



114.9410, 24.8510, -4.3410



64.0930, 4.1720, 1.4840



43.8760, 77.3430, 24.5350



1.4950, 2.9800, 1.0600

Inverse Universe

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



117.4950, -32.5510, -10.3030



147.3510, -49.8810, -15.6170



101.0590, -24.8510, 4.3410



66.3200, -3.8970, -0.9610



89.1240, -77.3430, -24.5350



3.5050, -2.9800, -1.0600

Previews

White Background



This preview shows how the YIQ color 98.5050, 32.5510, 10.3030 looks on a white background.

Color Contrast Check

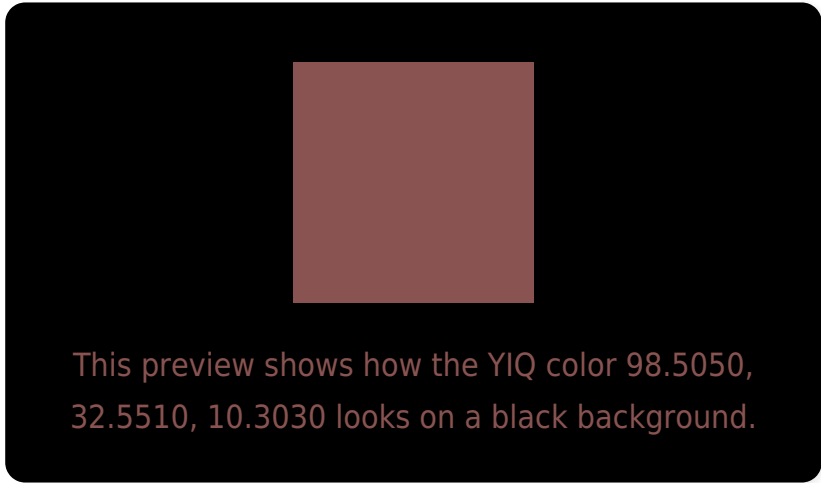
Large Text (above 18pt) WCAG AA ✓ Pass

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

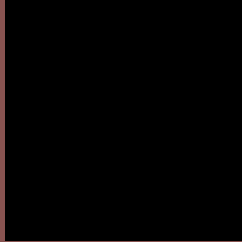
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.5050, 32.5510, 10.3030

Background



This preview shows how black text looks on a background with the YIQ color 98.5050, 32.5510, 10.3030.



This preview shows how white text looks on a background with the YIQ color 98.5050, 32.5510,

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

98.5050, 32.5510, 10.3030

Protanopia

97.3550, 6.1900, -2.0500

Deuteranopia

98.1560, 17.0560, -0.7360



Tritanopia

99.1290, 30.8540, 13.5260

Trichromacy



Original Color

98.5050, 32.5510, 10.3030

Protanomaly

97.6660, 15.6800, 2.1760

Deuteranomaly

98.3140, 22.6030, 3.3630

Tritanomaly

98.7870, 31.8170, 12.5930

Monochromacy



Original Color

98.5050, 32.5510, 10.3030

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.5670, 11.6450, 3.7170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.5050, 32.5510, 10.3030 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(136, 83, 80)` looks like.

```
.text, #text, p{  
    color:rgb(136, 83, 80)  
}
```

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(136, 83, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 83, 80) }
```

Border

The CSS property to change the border of an element to YIQ 98.5050, 32.5510, 10.3030 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(136, 83, 80) }
```


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

```
.border{ border-color:rgb(136, 83, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 83, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 83, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 83, 80);  
box-shadow:4px 4px 4px 4px rgb(136, 83,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 98.5050, 32.5510, 10.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 83, 80) }
```

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

```
.background{ background-color: rgb(136, 83,  
80) }
```

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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