

Converting Colors

YIQ(100.3430, 41.9950, 15.3630)

Have a look what the booklet for
YIQ(100.3430, 41.9950, 15.3630)
contains.

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Color

**YIQ(100.3430, 41.9950,
15.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	964F50
RGB	150, 79, 80
RGB Percent	59%, 31%, 31%
CMY	0.4116, 0.6903, 0.6861
CMYK	0.00, 0.47, 0.47, 0.41
HSL	359°, 31%, 45%
HSV	359°, 47%, 59%
XYZ	16.8290, 12.6556, 9.1534
YIQ	100.3430, 41.9950, 15.3630

Conversions

Conversions Part 2

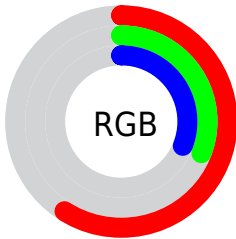
Format	Color
R_{YB}	150, 79, 80
Decimal	9850704
CIE Lab	42.24, 29.73, 12.80
CIE LCh	42, 32.370, 23.292
Yxy	12.6556, 0.4356, 0.3275
Android (android.graphics.Color)	4288040784 (0xFF964F50)
YUV	100.3430, -10.0291, 43.5492
Hunter-Lab	35.5747, 22.1856, 9.6469

Details

The YIQ color **100.3430, 41.9950, 15.3630** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.6570, -41.9950, -15.3630**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.9090, 46.2130, 16.0130**, and **51.0050, 37.1350, 15.3350** is the 20% darker color. If you saturate the color by 10%, you get **89.8280, 50.9350, 18.5430**, and if you desaturate by 10%, it is **110.8580, 33.0550, 12.1830**.

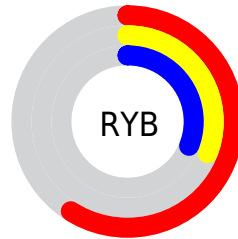
Distribution



Red (59%)

Green (31%)

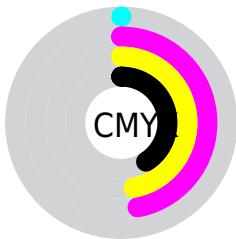
Blue (31%)



Red (59%)

Yellow (31%)

Blue (31%)

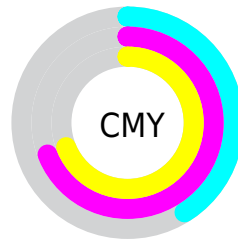


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (41%)



Cyan (41%)


Magenta (69%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.3430, 41.9950, 15.3630 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 100.3430, 41.9950, 15.3630 by changing the saturation by 10% instead.


 100.3430, 41.9950,
15.3630


 100.3430, 41.9950,
15.3630


255.0000, -0.0000,
-0.0000


 75.5600, 39.8860,
15.0380


 152.9090, 46.2130,
16.0130


 51.0050, 37.1350,
15.3350

 179.8060, 48.0010,
16.6490


 26.1620, 35.2550,
16.3670

 204.4140, 43.2330,
14.9530

 13.7540, 27.4160,
9.7520

 224.0420, 26.5450,
9.0170

 0.0000, 0.0000,
0.0000

 244.2570, 9.5820,
2.5580

■ 100.3430, 41.9950,
15.3630

■ 100.3430, 41.9950,
15.3630

■ 89.8280, 50.9350,
18.5430

■ 110.8580, 33.0550,
12.1830

■ 79.3130, 59.8750,
21.7230

■ 121.3730, 24.1150,
9.0030

■ 68.9120, 68.4940,
25.2140

■ 131.7740, 15.4960,
5.5120

■ 58.3970, 77.4340,
28.3940

■ 142.2890, 6.5560,
2.3320

■ 47.8820, 86.3740,
31.5740

■ 152.8040, -2.3840,
-0.8480

■ 45.0780, 88.7580,
32.4220

■ 163.3190,
-11.3240, -4.0280

■ 173.7200,
-19.9430, -7.5190

■ 184.2350,

-28.8830, -10.6990

■ 194.7500,
-37.8230, -13.8790

Harmonies

Analogous

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



101.6380, 31.2190, 23.4350



100.3430, 41.9950, 15.3630



99.2530, 41.7680, 2.9520

Triad

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



100.3430, 41.9950, 15.3630



91.0450, -14.2090, -23.3370



89.7380, -54.7440, 0.9360

Complementary

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



100.3430, 41.9950, 15.3630



128.6570, -41.9950, -15.3630

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.



80.7580, -75.8320, -13.3680



100.3430, 41.9950, 15.3630



79.6240, -55.5640, -28.2680

Square

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



100.3430, 41.9950, 15.3630



95.0390, 12.2910, -19.0130



80.0110, -69.5950, -21.7790



100.5580, -18.5260, 16.3700

Rectangle

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



100.3430, 41.9950, 15.3630



98.3350, 35.3050, -6.5750



80.0110, -69.5950, -21.7790



79.9090, -77.5750, -9.3110

Sweetspot

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



100.3430, 41.9950, 15.3630



175.0730, 16.0920, 5.7240



108.0240, 18.9290, 36.9210



85.1970, 9.8110, 3.9150



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



100.3430, 41.9950, 15.3630



116.4170, 65.5140, 24.1540



120.1870, 32.9660, -2.7300



69.0930, 4.1720, 1.4840



41.4900, 81.6060, 29.8780



2.9900, 5.9600, 2.1200

Inverse Universe

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



100.3430, 41.9950, 15.3630



116.4170, 65.5140, 24.1540



108.8130, -32.9660, 2.7300



69.0930, 4.1720, 1.4840



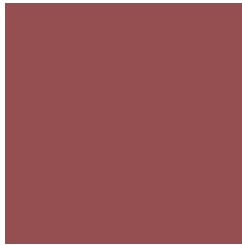
41.4900, 81.6060, 29.8780



2.9900, 5.9600, 2.1200

Previews

White Background



This preview shows how the YIQ color 100.3430, 41.9950, 15.3630 looks on a white background.

Color Contrast Check

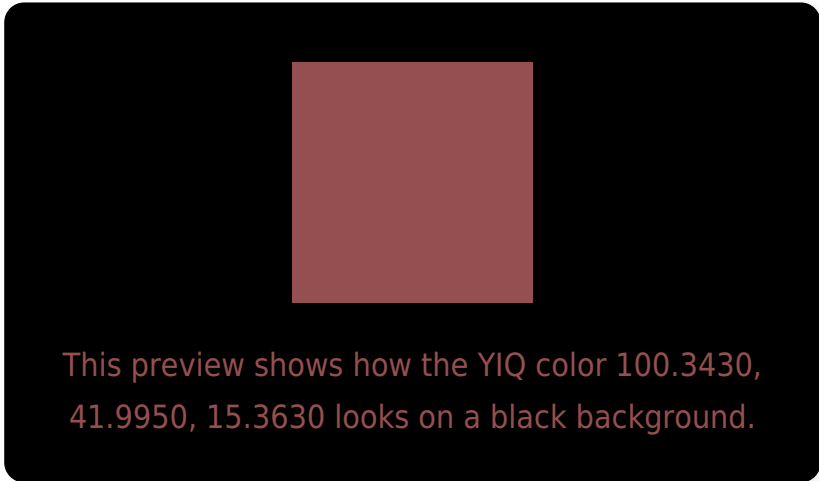
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.3430, 41.9950, 15.3630

Background



This preview shows how black text looks on a background with the YIQ color 100.3430, 41.9950, 15.3630.



This preview shows how white text looks on a background with the YIQ color 100.3430, 41.9950,

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

100.3430, 41.9950, 15.3630

Protanopia

100.0560, 5.5940, -2.2620

Deuteranopia

100.4120, 19.2110, -1.2450



Tritanopia

100.2120, 40.9860, 17.1300

Trichromacy



Original Color

100.3430, 41.9950, 15.3630

Protanomaly

99.9870, 19.2100, 4.2820

Deuteranomaly

100.5920, 27.6920, 4.7480

Tritanomaly

100.0980, 41.3070, 16.8190

Monochromacy



Original Color

100.3430, 41.9950, 15.3630

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.8880, 15.1750, 5.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.3430, 41.9950, 15.3630 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(150, 79, 80)` looks like.

```
.text, #text, p{  
    color:rgb(150, 79, 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(150, 79, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 79, 80) }
```

Border

The CSS property to change the border of an element to YIQ 100.3430, 41.9950, 15.3630 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(150, 79, 80) }
```


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

```
.border{ border-color:rgb(150, 79, 80) }
```

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

Here you see how a box with a 4 pixel rgb(150, 79, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 79, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 79, 80);  
box-shadow:4px 4px 4px 4px rgb(150, 79,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 100.3430, 41.9950, 15.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 79, 80) }
```

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

```
.background{ background-color: rgb(150, 79,  
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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