

Converting Colors

YIQ(64.9890, 52.4000, 30.5440)

Have a look what the booklet for
YIQ(64.9890, 52.4000, 30.5440)
contains.

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Color

**YIQ(64.9890, 52.4000,
30.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	861F3B
RGB	134, 31, 59
RGB Percent	53%, 12%, 23%
CMY	0.4742, 0.8786, 0.7684
CMYK	0.00, 0.77, 0.56, 0.47
HSL	344°, 62%, 32%
HSV	344°, 77%, 53%
XYZ	11.1217, 6.3678, 4.7871
YIQ	64.9890, 52.4000, 30.5440

Conversions

Conversions Part 2

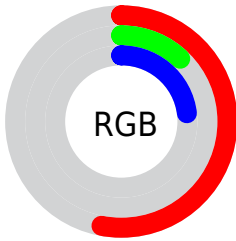
Format	Color
R_{YB}	134, 31, 59
Decimal	8789819
CIE _{Lab}	30.32, 44.89, 9.28
CIE _{LCh}	30, 45.842, 11.676
Yxy	6.3678, 0.4993, 0.2859
Android (android.graphics.Color)	4286979899 (0xFF861F3B)
YUV	64.9890, -2.9526, 60.5226
Hunter-Lab	25.2345, 34.5105, 6.4167

Details

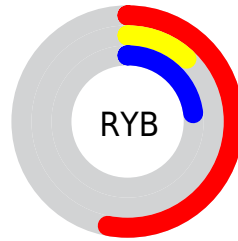
The YIQ color **64.9890, 52.4000, 30.5440** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **100.0110, -52.4000, -30.5440**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.3870, 57.0310, 29.2150**, and **25.2600, 41.0310, 21.8230** is the 20% darker color. If you saturate the color by 10%, you get **56.2180, 59.1850, 34.2330**, and if you desaturate by 10%, it is **73.7600, 45.6150, 26.8550**.

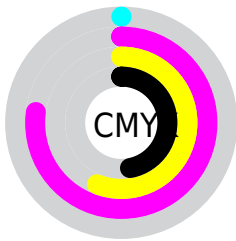
Distribution



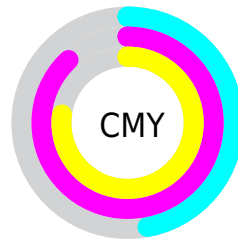
- Red (53%)
- Green (12%)
- Blue (23%)



- Red (53%)
- Yellow (12%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (56%)
- Black (47%)





- Cyan (47%)
- Magenta (88%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 64.9890, 52.4000, 30.5440 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 64.9890, 52.4000, 30.5440 by changing the saturation by 10% instead.


 64.9890, 52.4000,
30.5440


 64.9890, 52.4000,
30.5440


255.0000, -0.0000,
-0.0000


 36.0260, 50.9780,
34.2900


 119.3870, 57.0310,
29.2150


 25.2600, 41.0310,
21.8230

 146.1700, 59.1400,
29.5400


 16.3740, 31.5420,
12.0700

 173.9530, 61.2490,
29.8650

 2.3920, 4.7680,
1.6960

 194.0760, 47.5410,
24.9890

 0.0000, 0.0000,
0.0000

 213.7040, 30.8530,
19.0530

 233.9190, 13.8900,

12.5940

252.6520, 1.1000,
2.0920

64.9890, 52.4000,
30.5440

64.9890, 52.4000,
30.5440

56.2180, 59.1850,
34.2330

73.7600, 45.6150,
26.8550

46.9740, 65.9240,
38.7560

83.1180, 38.5550,
22.6430

44.2840, 67.9870,
39.9150

91.7750, 32.0910,
18.6430

101.1330, 25.0310,
14.4310

109.9040, 18.2460,
10.7420

■ 118.6750, 11.4610,
7.0530

■ 127.9190, 4.7220,
2.5300

■ 136.6900, -2.0630,
-1.1590

■ 146.0480, -9.1230,
-5.3710

Harmonies

Analogous

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



69.3260, 32.6380, 36.2700



64.9890, 52.4000, 30.5440



66.9390, 54.6960, 10.9520

Triad

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



64.9890, 52.4000, 30.5440



59.0270, -5.7710, -33.0910



63.3930, -66.8940, 0.8660

Complementary

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



64.9890, 52.4000, 30.5440



100.0110, -52.4000, -30.5440

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.



63.9340, -61.5280, -8.2800



64.9890, 52.4000, 30.5440



55.8400, -38.7370, -30.3610

Square

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



64.9890, 52.4000, 30.5440



65.8630, 24.3500, -22.8020



60.7590, -51.2100, -19.0660



57.8650, -65.1070, 7.0290

Rectangle

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



64.9890, 52.4000, 30.5440



66.7730, 51.6270, -5.0210



60.7590, -51.2100, -19.0660



64.5840, -66.1140, -2.2580

Sweetspot

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



64.9890, 52.4000, 30.5440



146.8010, 20.0340, 11.3780



64.8680, 11.0410, 47.7210



70.2730, 12.6530, 7.4770



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



64.9890, 52.4000, 30.5440



66.4430, 80.9610, 47.0810



74.7110, 55.3380, 10.3300



61.9080, 3.2550, 1.5830



42.8600, 66.2450, 38.4450



1.0110, 1.4670, 0.9470

Inverse Universe

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



64.9890, 52.4000, 30.5440



66.4430, 80.9610, 47.0810



90.2890, -55.3380, -10.3300



61.9080, 3.2550, 1.5830



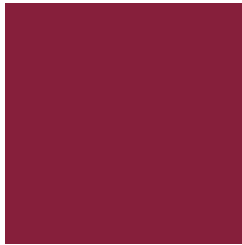
42.8600, 66.2450, 38.4450



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 64.9890, 52.4000, 30.5440 looks on a white background.

Color Contrast Check

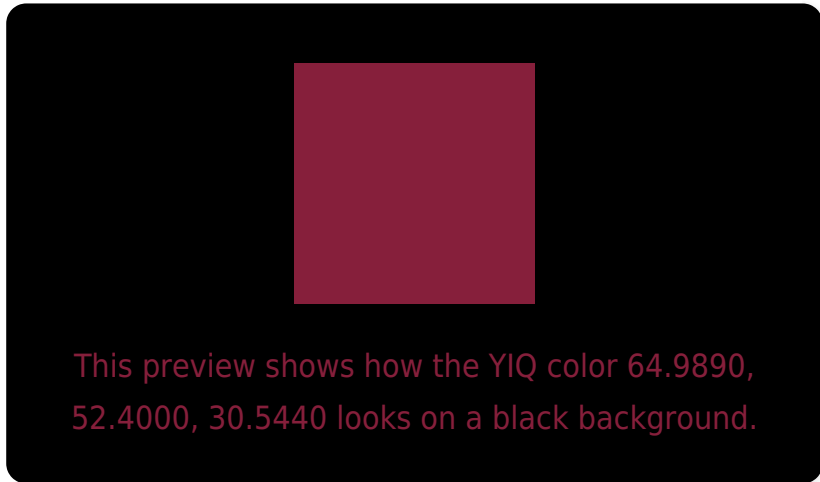
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

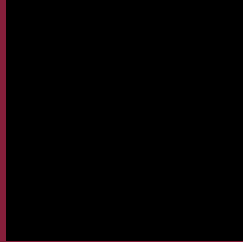
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.9890, 52.4000, 30.5440

Background



This preview shows how black text looks on a background with the YIQ color 64.9890, 52.4000, 30.5440.



This preview shows how white text looks on a background with the YIQ color 64.9890, 52.4000, 30.5440.

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

64.9890, 52.4000, 30.5440

Protanopia

72.7980, -2.2470, 2.1770

Deuteranopia

72.9600, 14.6720, -1.5840



Tritanopia

65.1170, 57.4910, 20.8750

Trichromacy



Original Color

64.9890, 52.4000, 30.5440

Protanomaly

70.0720, 17.8330, 12.7210

Deuteranomaly

70.0530, 28.0120, 9.9640

Tritanomaly

64.8550, 55.4730, 24.4090

Monochromacy



Original Color

64.9890, 52.4000, 30.5440

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.2030, 18.8420, 10.9540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.9890, 52.4000, 30.5440 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(134, 31, 59)` looks like.

```
.text, #text, p{  
    color:rgb(134, 31, 59)  
}
```

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(134, 31, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 31, 59) }
```

Border

The CSS property to change the border of an element to YIQ 64.9890, 52.4000, 30.5440 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(134, 31, 59) }
```


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

```
.border{ border-color:rgb(134, 31, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 31, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 31, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 31, 59);  
box-shadow:4px 4px 4px 4px rgb(134, 31,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 64.9890, 52.4000, 30.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 31, 59) }
```

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

```
.background{ background-color: rgb(134, 31,  
59) }
```

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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