

Converting Colors

YIQ(89.5220, 60.2440, 9.5240)

Have a look what the booklet for
YIQ(89.5220, 60.2440, 9.5240)
contains.

YIQ(89.5220, 60.2440, 9.5240)	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(89.5220, 60.2440,
9.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	994327
RGB	153, 67, 39
RGB Percent	60%, 26%, 15%
CMY	0.3998, 0.7374, 0.8468
CMYK	0.00, 0.56, 0.74, 0.40
HSL	15°, 59%, 38%
HSV	15°, 74%, 60%
XYZ	15.5182, 10.9339, 3.2178
YIQ	89.5220, 60.2440, 9.5240

Conversions

Conversions Part 2

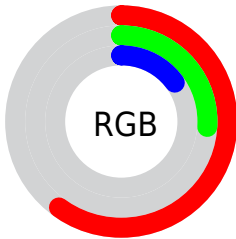
Format	Color
RYB	153, 76, 39
Decimal	10044199
CIELab	39.47, 34.19, 33.80
CIElCh	39, 48.077, 44.675
Yxy	10.9339, 0.5230, 0.3685
Android (android.graphics.Color)	4288234279 (0xFF994327)
YUV	89.5220, -24.9073, 55.6702
Hunter-Lab	33.0664, 25.9045, 17.3768

Details

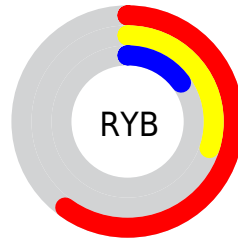
The YIQ color **89.5220, 60.2440, 9.5240** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **102.4780, -60.2440, -9.5240**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.7570, 66.8920, 10.1880**, and **38.6830, 52.5410, 11.4610** is the 20% darker color. If you saturate the color by 10%, you get **80.7680, 68.3590, 11.1350**, and if you desaturate by 10%, it is **98.2760, 52.1290, 7.9130**.

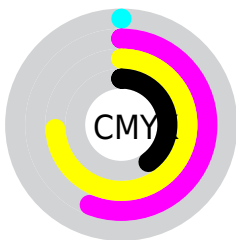
Distribution



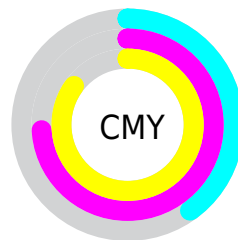
- Red (60%)
- Green (26%)
- Blue (15%)



- Red (60%)
- Yellow (30%)
- Blue (15%)



- Cyan (0%)
- Magenta (56%)
- Yellow (74%)
- Black (40%)





- Cyan (40%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.5220, 60.2440, 9.5240 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 89.5220, 60.2440, 9.5240 by changing the saturation by 10% instead.


 89.5220, 60.2440,
9.5240

 89.5220, 60.2440,
9.5240


255.0000, -0.0000,
-0.0000


 63.6680, 56.8970,
9.6090


 141.8710, 66.5710,
10.4990


 38.6830, 52.5410,
11.4610

 169.7250, 69.9180,
10.4140


 20.3320, 40.5280,
14.4160

 192.1260, 61.2990,
6.9230

 13.2700, 25.9030,
9.6390

 210.9390, 45.5280,
0.8880

 0.0000, 0.0000,
0.0000

 231.1540, 28.5650,
-5.5710

 250.6680, 12.1980,

-11.8180

253.9740, 2.8890,
-2.7990

89.5220, 60.2440,
9.5240

89.5220, 60.2440,
9.5240

80.7680, 68.3590,
11.1350

98.2760, 52.1290,
7.9130

72.4870, 76.5200,
11.9120

106.5570, 43.9680,
7.1360

67.4660, 81.0130,
13.0850

115.3110, 35.8530,
5.5250

123.4780, 28.0130,
4.4370

132.3460, 19.5770,
3.1370

■ 140.5130, 11.7370,
2.0490

■ 149.2670, 3.6220,
0.4380

■ 157.5480, -4.5390,
-0.3390

■ 166.3020,
-12.6540, -1.9500

Harmonies

Analogous

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



88.9850, 58.2230, 29.6390



89.5220, 60.2440, 9.5240



88.1500, 51.5830, -15.2410

Triad

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



89.5220, 60.2440, 9.5240



72.6640, -53.0410, -35.4490



86.7360, -51.2620, 14.9300

Complementary

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



89.5220, 60.2440, 9.5240



102.4780, -60.2440, -9.5240

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.



79.7270, -82.5740, -1.3100



89.5220, 60.2440, 9.5240



77.9250, -66.4770, -23.2210

Square

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



89.5220, 60.2440, 9.5240



79.6350, -10.5390, -34.7870



80.7410, -77.1620, -11.2900



96.0050, 2.7450, 32.8650

Rectangle

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



89.5220, 60.2440, 9.5240



86.2850, 37.6010, -26.1670



80.7410, -77.1620, -11.2900



75.8460, -81.2910, 2.9730

Sweetspot

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



89.5220, 60.2440, 9.5240



174.6130, 23.1990, 3.5750



83.0040, 40.0170, 51.2250



84.9970, 13.2500, 2.1620



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



89.5220, 60.2440, 9.5240



100.1640, 93.6670, 15.0350



122.3940, 44.8440, -19.7640



72.5660, 4.2180, 0.6500



61.8180, 74.0900, 11.8980



5.6480, 6.9230, 1.1870

Inverse Universe

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



102.4780, -60.2440, -9.5240



120.8360, -93.6670, -15.0350



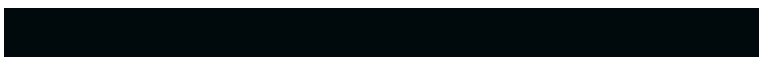
69.6060, -44.8440, 19.7640



73.4340, -4.2180, -0.6500



78.1820, -74.0900, -11.8980



7.3520, -6.9230, -1.1870

Previews

White Background



This preview shows how the YIQ color 89.5220, 60.2440, 9.5240 looks on a white background.

Color Contrast Check

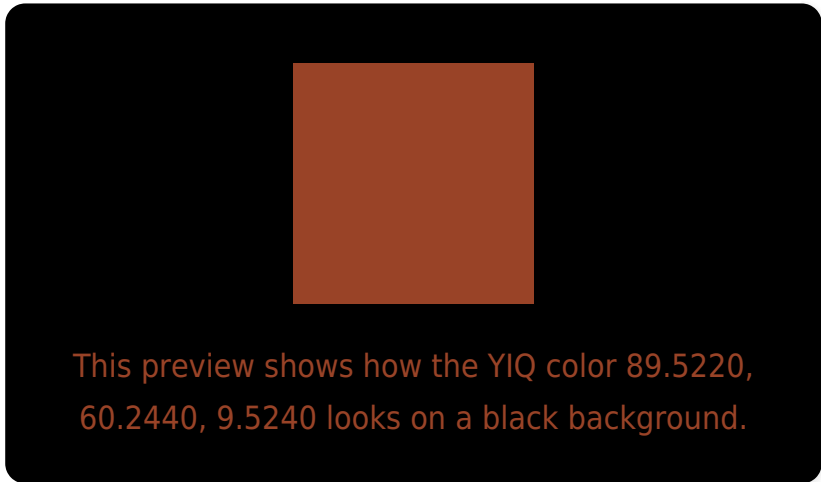
Large Text (above 18pt) WCAG AA ✓ Pass

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

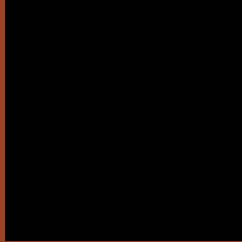
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.5220, 60.2440, 9.5240

Background



This preview shows how black text looks on a background with the YIQ color 89.5220, 60.2440, 9.5240.



This preview shows how white text looks on a background with the YIQ color 89.5220, 60.2440,

9.5240.

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

89.5220, 60.2440, 9.5240

Protanopia

91.6320, 21.0470, -12.4970

Deuteranopia

91.1020, 34.3430, -11.1690



Tritanopia

91.3660, 52.3560, 20.3240

Trichromacy



Original Color

89.5220, 60.2440, 9.5240

Protanomaly

90.8020, 35.4880, -4.3840

Deuteranomaly

90.5210, 43.6490, -3.6070

Tritanomaly

90.6990, 55.6120, 16.3800

Monochromacy



Original Color

89.5220, 60.2440, 9.5240

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.0150, 22.0070, 3.1510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.5220, 60.2440, 9.5240 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(153, 67, 39)` looks like.

```
.text, #text, p{  
    color:rgb(153, 67, 39)  
}
```

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(153, 67, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 67, 39) }
```

Border

The CSS property to change the border of an element to YIQ 89.5220, 60.2440, 9.5240 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(153, 67, 39) }
```


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

```
.border{ border-color:rgb(153, 67, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 67, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 67, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 67, 39);  
box-shadow:4px 4px 4px 4px rgb(153, 67,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 89.5220, 60.2440, 9.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 67, 39) }
```

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

```
.background{ background-color: rgb(153, 67,  
39) }
```

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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