

Converting Colors

YIQ(101.4890, 55.8430, 6.6830)

Have a look what the booklet for
YIQ(101.4890, 55.8430, 6.6830)
contains.

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Color

**YIQ(101.4890, 55.8430,
6.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5233
RGB	159, 82, 51
RGB Percent	62%, 32%, 20%
CMY	0.3763, 0.6785, 0.7998
CMYK	0.00, 0.48, 0.68, 0.38
HSL	17°, 51%, 41%
HSV	17°, 68%, 62%
XYZ	17.9201, 13.6445, 4.8284
YIQ	101.4890, 55.8430, 6.6830

Conversions

Conversions Part 2

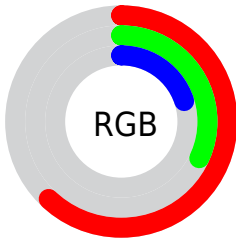
Format	Color
R_{YB}	159, 94, 51
Decimal	10441267
CIE _{Lab}	43.72, 29.30, 32.17
CIE _{LCh}	44, 43.514, 47.677
Yxy	13.6445, 0.4924, 0.3749
Android (android.graphics.Color)	4288631347 (0xFF9F5233)
YUV	101.4890, -24.8911, 50.4371
Hunter-Lab	36.9384, 21.9545, 18.1069

Details

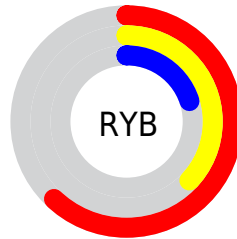
The YIQ color **101.4890, 55.8430, 6.6830** is a dark color, and the websafe version is hex **996633**, and the color name is **red ochre color (taisha-iro)**. A complement of this color would be **108.5110, -55.8430, -6.6830**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.4250, 61.8950, 7.1350**, and **51.0260, 49.8370, 5.3970** is the 20% darker color. If you saturate the color by 10%, you get **93.2080, 64.0040, 7.4600**, and if you desaturate by 10%, it is **109.7700, 47.6820, 5.9060**.

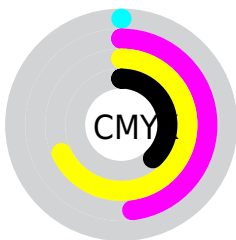
Distribution



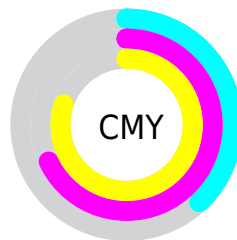
- Red (62%)
- Green (32%)
- Blue (20%)



- Red (62%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (38%)





- Cyan (38%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.4890, 55.8430, 6.6830 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 101.4890, 55.8430, 6.6830 by changing the saturation by 10% instead.


 101.4890, 55.8430,
6.6830


 101.4890, 55.8430,
6.6830


255.0000, -0.0000,
-0.0000


 76.2220, 52.2210,
6.2450


 154.5390, 61.5740,
7.4460


 51.1400, 49.5160,
5.7080


 181.6210, 64.2790,
7.9830


 27.7080, 42.2250,
11.1930

 203.1140, 52.4050,
2.9090

 14.6510, 29.2040,
10.3880

 222.0410, 36.3130,
-2.8150

 1.7940, 3.5760,
1.2720

 242.1420, 19.6710,
-9.5850

 0.0000, 0.0000,
0.0000

 252.4920, 7.0620,

-6.8420

■ 101.4890, 55.8430,
6.6830

■ 101.4890, 55.8430,
6.6830

■ 93.2080, 64.0040,
7.4600

■ 109.7700, 47.6820,
5.9060

■ 84.3400, 72.4400,
8.7600

■ 118.6380, 39.2460,
4.6060

■ 76.0590, 80.6010,
9.5370

■ 126.9190, 31.0850,
3.8290

■ 74.5430, 82.1140,
9.6500

■ 135.2000, 22.9240,
3.0520

■ 144.0680, 14.4880,
1.7520

■ 152.2350, 6.6480,
0.6640

■ 160.5160, -1.5130,
-0.1130

■ 169.3840, -9.9490,
-1.4130

■ 177.6650,
-18.1100, -2.1900

Harmonies

Analogous

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



101.6700, 54.5560, 24.5080



101.4890, 55.8430, 6.6830



100.0230, 44.7510, -12.5690

Triad

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



101.4890, 55.8430, 6.6830



80.3580, -60.9270, -35.7030



101.3310, -36.8200, 17.5160

Complementary

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



101.4890, 55.8430, 6.6830



108.5110, -55.8430, -6.6830

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.



85.5800, -86.6540, -4.4620



101.4890, 55.8430, 6.6830



85.1630, -73.0790, -24.7190

Square

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



101.4890, 55.8430, 6.6830



91.9600, -12.8320, -31.7760



87.0500, -82.5260, -13.1980



106.6910, 6.5050, 30.8010

Rectangle

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



101.4890, 55.8430, 6.6830



97.9840, 31.3190, -22.4490



87.0500, -82.5260, -13.1980



95.0510, -56.7630, 9.9970

Sweetspot

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



101.4890, 55.8430, 6.6830



184.6020, 21.7320, 2.6280



92.0700, 39.6510, 46.8430



91.4700, 13.2960, 1.3280



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



101.4890, 55.8430, 6.6830



117.4080, 86.9280, 10.5120



133.1870, 40.9930, -21.5590



74.5660, 4.2180, 0.6500



66.8240, 73.9530, 8.8730



6.8330, 7.8400, 1.0880

Inverse Universe

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



108.5110, -55.8430, -6.6830



128.5920, -86.9280, -10.5120



76.8130, -40.9930, 21.5590



75.4340, -4.2180, -0.6500



76.1760, -73.9530, -8.8730



8.1670, -7.8400, -1.0880

Previews

White Background



This preview shows how the YIQ color 101.4890, 55.8430, 6.6830 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



This preview shows how the YIQ color 101.4890, 55.8430, 6.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

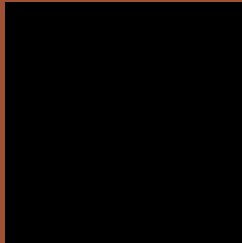
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.4890, 55.8430, 6.6830

Background



This preview shows how black text looks on a background with the YIQ color 101.4890, 55.8430, 6.6830.



This preview shows how white text looks on a background with the YIQ color 101.4890, 55.8430,

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

101.4890, 55.8430, 6.6830

Protanopia

101.7460, 20.7260, -12.1860

Deuteranopia

102.0420, 34.5720, -9.8120



Tritanopia

103.3870, 47.8630, 19.1510

Trichromacy



Original Color

101.4890, 55.8430, 6.6830

Protanomaly

101.4920, 33.4250, -5.5430

Deuteranomaly

101.9230, 42.4570, -4.0310

Tritanomaly

102.3070, 50.8440, 14.6840

Monochromacy



Original Color

101.4890, 55.8430, 6.6830

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.1180, 20.2190, 2.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.4890, 55.8430, 6.6830 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(159, 82, 51)` looks like.

```
.text, #text, p{  
    color:rgb(159, 82, 51)  
}
```

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(159, 82, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 82, 51) }
```

Border

The CSS property to change the border of an element to YIQ 101.4890, 55.8430, 6.6830 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(159, 82, 51) }
```


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

```
.border{ border-color:rgb(159, 82, 51) }
```

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

Here you see how a box with a 4 pixel rgb(159, 82, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 82, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 82, 51);  
box-shadow:4px 4px 4px 4px rgb(159, 82,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 101.4890, 55.8430, 6.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 82, 51) }
```

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

```
.background{ background-color: rgb(159, 82,  
51) }
```

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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