

Converting Colors

YIQ(113.4890, 55.8430, 6.6830)

Have a look what the booklet for
YIQ(113.4890, 55.8430, 6.6830)
contains.

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Color

**YIQ(113.4890, 55.8430,
6.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5E3F
RGB	171, 94, 63
RGB Percent	67%, 37%, 25%
CMY	0.3292, 0.6315, 0.7527
CMYK	0.00, 0.45, 0.63, 0.33
HSL	17°, 46%, 46%
HSV	17°, 63%, 67%
XYZ	21.7025, 17.0218, 6.8535
YIQ	113.4890, 55.8430, 6.6830

Conversions

Conversions Part 2

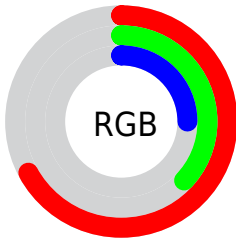
Format	Color
R_{YB}	171, 106, 63
Decimal	11230783
CIE Lab	48.29, 28.50, 31.28
CIE LCh	48, 42.321, 47.662
Yxy	17.0218, 0.4762, 0.3735
Android (android.graphics.Color)	4289420863 (0xFFAB5E3F)
YUV	113.4890, -24.8911, 50.4371
Hunter-Lab	41.2575, 21.6947, 19.0313

Details

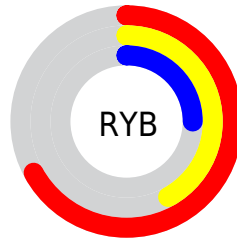
The YIQ color **113.4890, 55.8430, 6.6830** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **120.5110, -55.8430, -6.6830**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5390, 61.5740, 7.4460**, and **63.1400, 49.5160, 5.7080** is the 20% darker color. If you saturate the color by 10%, you get **104.5070, 64.6000, 7.6720**, and if you desaturate by 10%, it is **122.4710, 47.0860, 5.6940**.

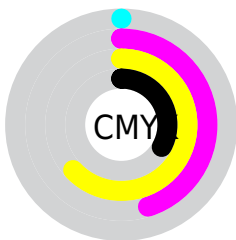
Distribution



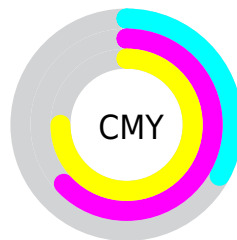
- Red (67%)
- Green (37%)
- Blue (25%)



- Red (67%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (63%)
- Black (33%)





- Cyan (33%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.4890, 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 113.4890, 55.8430, 6.6830 by changing the saturation by 10% instead.


 113.4890, 55.8430,
6.6830


 113.4890, 55.8430,
6.6830


255.0000, -0.0000,
-0.0000


 88.1080, 52.5420,
5.9340


 166.6530, 61.2530,
7.7570


 63.2540, 49.1950,
6.0190


 192.8270, 60.7030,
6.7110


 38.9270, 45.8020,
6.9380

 212.3410, 44.3360,
0.4640

 17.6410, 35.1640,
12.5080

 231.8550, 27.9690,
-5.7830

 10.5790, 20.5390,
7.7310

 250.8960, 11.5560,
-11.1960

 0.0000, 0.0000,
0.0000

 254.0880, 2.5680,

-2.4880

■ 113.4890, 55.8430,
6.6830

■ 113.4890, 55.8430,
6.6830

■ 104.5070, 64.6000,
7.6720

■ 122.4710, 47.0860,
5.6940

■ 95.5250, 73.3570,
8.6610

■ 131.4530, 38.3290,
4.7050

■ 85.9560, 82.3890,
10.1730

■ 141.0220, 29.2970,
3.1930

■ 79.8920, 88.4410,
10.6250

■ 150.0040, 20.5400,
2.2040

■ 159.1000, 11.4620,
1.5260

■ 168.0820, 2.7050,
0.5370

■ 177.0640, -6.0520,
-0.4520

■ 186.6330,
-15.0840, -1.9640

■ 195.6150,
-23.8410, -2.9530

Harmonies

Analogous

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



114.2570, 54.2810, 23.9850



113.4890, 55.8430, 6.6830



112.1370, 44.4300, -12.2580

Triad

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



113.4890, 55.8430, 6.6830



88.0690, -67.4830, -38.0350



113.2280, -35.0320, 18.1520

Complementary

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



113.4890, 55.8430, 6.6830



120.5110, -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.



93.1770, -92.8890, -7.1050



113.4890, 55.8430, 6.6830



92.8740, -79.6350, -27.0510

Square

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



113.4890, 55.8430, 6.6830



103.6720, -11.9610, -31.0410



95.3480, -89.3570, -16.0530



118.5770, 6.8260, 30.4900

Rectangle

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



113.4890, 55.8430, 6.6830



110.3260, 30.3560, -21.5160



95.3480, -89.3570, -16.0530



108.0300, -52.2700, 11.1700

Sweetspot

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



113.4890, 55.8430, 6.6830



199.6020, 21.7320, 2.6280



104.0700, 39.6510, 46.8430



98.4700, 13.2960, 1.3280



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



113.4890, 55.8430, 6.6830



132.2940, 87.2490, 10.2010



145.1870, 40.9930, -21.5590



82.4520, 4.5390, 0.3390



70.0910, 77.5750, 9.3110



10.9860, 11.7830, 1.2150

Inverse Universe

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



120.5110, -55.8430, -6.6830



143.2930, -87.5240, -10.7240



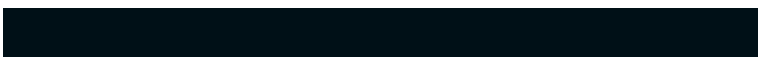
88.8130, -40.9930, 21.5590



82.5480, -4.5390, -0.3390



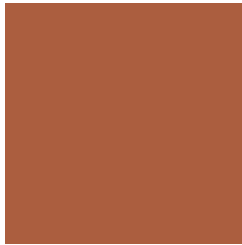
79.9090, -77.5750, -9.3110



12.0140, -11.7830, -1.2150

Previews

White Background



This preview shows how the YIQ color 113.4890, 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 113.4890, 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 113.4890, 55.8430, 6.6830

Background



This preview shows how black text looks on a background with the YIQ color 113.4890, 55.8430, 6.6830.



This preview shows how white text looks on a background with the YIQ color 113.4890, 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

113.4890, 55.8430, 6.6830

Protanopia

113.2730, 20.6800, -11.3520

Deuteranopia

113.5690, 34.5260, -8.9780



Tritanopia

115.5010, 47.5420, 19.4620

Trichromacy



Original Color

113.4890, 55.8430, 6.6830

Protanomaly

113.0190, 33.3790, -4.7090

Deuteranomaly

113.4500, 42.4110, -3.1970

Tritanomaly

114.4210, 50.5230, 14.9950

Monochromacy



Original Color

113.4890, 55.8430, 6.6830

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.1180, 20.2190, 2.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.4890, 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(171, 94, 63)` looks like.

```
.text, #text, p{  
    color:rgb(171, 94, 63)  
}
```

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(171, 94, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 94, 63) }
```

Border

The CSS property to change the border of an element to YIQ 113.4890, 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(171, 94, 63) }
```


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

```
.border{ border-color:rgb(171, 94, 63) }
```

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

Here you see how a box with a 4 pixel rgb(171, 94, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 94, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 94, 63);  
box-shadow:4px 4px 4px 4px rgb(171, 94,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 113.4890, 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(171, 94, 63) }
```

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

```
.background{ background-color: rgb(171, 94,  
63) }
```

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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