

Converting Colors

YIQ(94.9830, 15.8650, -6.6870)

Have a look what the booklet for
YIQ(94.9830, 15.8650, -6.6870)
contains.

YIQ(94.9830, 15.8650, -6.6870)	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(94.9830, 15.8650,
-6.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5F42
RGB	106, 95, 66
RGB Percent	42%, 37%, 26%
CMY	0.5843, 0.6275, 0.7411
CMYK	0.00, 0.10, 0.38, 0.58
HSL	43°, 23%, 34%
HSV	43°, 38%, 42%
XYZ	11.0199, 11.6415, 6.8238
YIQ	94.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

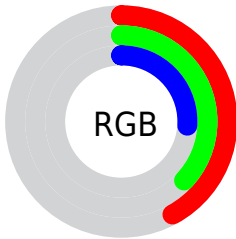
Format	Color
R _Y B	81, 106, 66
Decimal	6971202
CIE Lab	40.64, -0.33, 18.21
CIE LCh	41, 18.217, 91.042
Yxy	11.6415, 0.3737, 0.3948
Android (android.graphics.Color)	4285161282 (0xFF6A5F42)
YUV	94.9830, -14.2886, 9.6619
Hunter-Lab	34.1196, -2.0576, 12.0259

Details

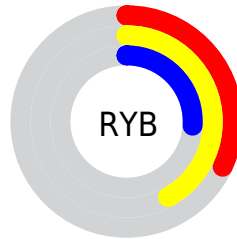
The YIQ color **94.9830, 15.8650, -6.6870** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **77.0170, -15.8650, 6.6870**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.3530, 17.6990, -6.8850**, and **48.6130, 14.0310, -6.4890** is the 20% darker color. If you saturate the color by 10%, you get **91.9680, 20.2210, -8.5390**, and if you desaturate by 10%, it is **97.9980, 11.5090, -4.8350**.

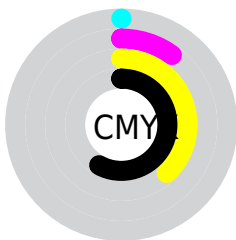
Distribution



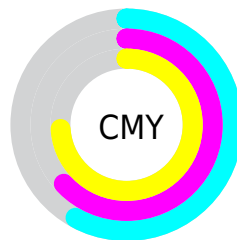
- Red (42%)
- Green (37%)
- Blue (26%)



- Red (32%)
- Yellow (42%)
- Blue (26%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.9830, 15.8650, -6.6870 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 94.9830, 15.8650, -6.6870 by changing the saturation by 10% instead.

94.9830, 15.8650,
-6.6870

94.9830, 15.8650,
-6.6870

255.0000, -0.0000,
-0.0000

70.9120, 14.6270,
-6.2770

145.3530, 17.6990,
-6.8850

48.7270, 13.7100,
-6.1780

172.2390, 18.0200,
-7.1960

27.4990, 14.3520,
-6.8000

199.4240, 18.9370,
-7.2950

2.0710, 1.2380,
-0.4100

227.7230, 19.5330,
-7.0830

0.0000, 0.0000,
0.0000

251.1240, 10.9140,
-10.5740

254.4300, 1.6050,

-1.5550

■ 94.9830, 15.8650,
-6.6870

■ 94.9830, 15.8650,
-6.6870

■ 91.9680, 20.2210,
-8.5390

■ 97.9980, 11.5090,
-4.8350

■ 89.0670, 24.2560,
-10.0800

■ 100.8990, 7.4740,
-3.2940

■ 86.0520, 28.6120,
-11.9320

■ 103.9140, 3.1180,
-1.4420

■ 83.1510, 32.6470,
-13.4730

■ 106.8150, -0.9170,
0.0990

■ 80.1360, 37.0030,
-15.3250

■ 109.8300, -5.2730,
1.9510

■ 77.1210, 41.3590,
-17.1770

■ 112.8450, -9.6290,
3.8030

■ 76.8930, 42.0010,
-17.7990

■ 115.1590,
-13.3890, 5.8670

■ 118.1740,
-17.7450, 7.7190

■ 121.0750,
-21.7800, 9.2600

Harmonies

Analogous

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



96.3910, 23.7040, -0.0720



94.9830, 15.8650, -6.6870



93.5900, 3.6700, -11.4500

Triad

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



94.9830, 15.8650, -6.6870



88.6520, -34.4310, -9.2710



97.9940, 9.3050, 13.0890

Complementary

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



94.9830, 15.8650, -6.6870



77.0170, -15.8650, 6.6870

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.



97.3990, -5.1370, 10.5030



94.9830, 15.8650, -6.6870



90.4230, -32.0480, -2.8960

Square

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



94.9830, 15.8650, -6.6870



89.0350, -25.4440, -12.4520



94.5110, -20.3120, 4.6800



98.2140, 20.3090, 11.9010

Rectangle

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



94.9830, 15.8650, -6.6870



92.2730, -5.6830, -12.6510



94.5110, -20.3120, 4.6800



97.9550, 5.0410, 13.2730

Sweetspot

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



94.9830, 15.8650, -6.6870



133.9420, 5.9150, -2.5730



79.2140, 20.3090, 11.9010



66.2130, 3.7140, -1.2300



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



94.9830, 15.8650, -6.6870



120.9530, 24.5770, -10.3910



98.7490, 7.4760, -14.3480



52.1420, 2.4760, -0.8200



84.8780, 46.3570, -19.6510



177.1540, 97.3450, -40.6310

Inverse Universe

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



77.0170, -15.8650, 6.6870



93.0470, -24.5770, 10.3910



73.2510, -7.4760, 14.3480



49.8580, -2.4760, 0.8200



32.1220, -46.3570, 19.6510



67.2590, -97.0700, 41.1540

Previews

White Background



This preview shows how the YIQ color 94.9830, 15.8650, -6.6870 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 94.9830, 15.8650, -6.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

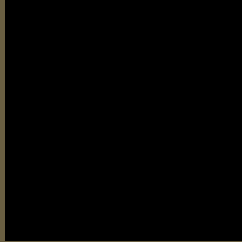
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.9830, 15.8650, -6.6870

Background



This preview shows how black text looks on a background with the YIQ color 94.9830, 15.8650, -6.6870.



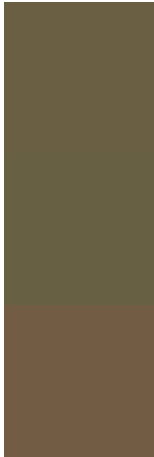
This preview shows how white text looks on a background with the YIQ color 94.9830, 15.8650,

-6.6870.

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

94.9830, 15.8650, -6.6870

Protanopia

94.9720, 14.3980, -7.6340

Deuteranopia

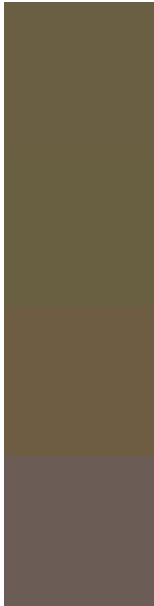
95.7280, 21.1370, -3.1110



Tritanopia

97.1800, 8.4810, 5.9930

Trichromacy



Original Color

94.9830, 15.8650, -6.6870

Protanomaly

95.2710, 14.9940, -7.4220

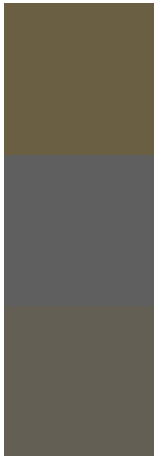
Deuteranomaly

95.4180, 19.0740, -4.2700

Tritanomaly

96.1000, 11.4620, 1.5260

Monochromacy



Original Color

94.9830, 15.8650, -6.6870

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9420, 5.9150, -2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.9830, 15.8650, -6.6870 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(106, 95, 66)` looks like.

```
.text, #text, p{  
    color:rgb(106, 95, 66)  
}
```

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(106, 95, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 95, 66) }
```

Border

The CSS property to change the border of an element to YIQ 94.9830, 15.8650, -6.6870 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(106, 95, 66) }
```


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

```
.border{ border-color:rgb(106, 95, 66) }
```

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

Here you see how a box with a 4 pixel rgb(106, 95, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 95, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 95, 66);  
box-shadow:4px 4px 4px 4px rgb(106, 95,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 94.9830, 15.8650, -6.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 95, 66) }
```

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

```
.background{ background-color: rgb(106, 95,  
66) }
```

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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