

Converting Colors

YIQ(98.4990, 14.3520, -6.8000)

Have a look what the booklet for
YIQ(98.4990, 14.3520, -6.8000)
contains.

YIQ(98.4990, 14.3520, -6.8000)	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(98.4990, 14.3520,
-6.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6347
RGB	108, 99, 71
RGB Percent	42%, 39%, 28%
CMY	0.5765, 0.6118, 0.7215
CMYK	0.00, 0.08, 0.34, 0.58
HSL	45°, 21%, 35%
HSV	45°, 34%, 42%
XYZ	11.7839, 12.5663, 7.7691
YIQ	98.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

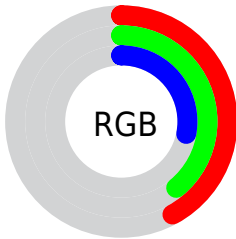
Format	Color
RYB	83, 108, 71
Decimal	7103303
CIELab	42.10, -1.12, 17.22
CIELCh	42, 17.260, 93.732
Yxy	12.5663, 0.3669, 0.3912
Android (android.graphics.Color)	4285293383 (0xFF6C6347)
YUV	98.4990, -13.5570, 8.3324
Hunter-Lab	35.4490, -2.6991, 11.8202

Details

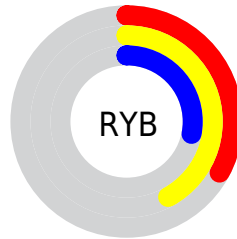
The YIQ color **98.4990, 14.3520, -6.8000** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **80.5010, -14.3520, 6.8000**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5700, 15.5900, -7.2100**, and **52.1290, 12.5180, -6.6020** is the 20% darker color. If you saturate the color by 10%, you get **95.4840, 18.7080, -8.6520**, and if you desaturate by 10%, it is **101.5140, 9.9960, -4.9480**.

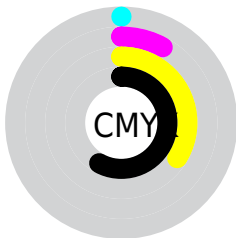
Distribution



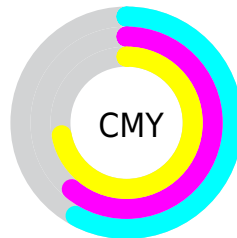
- Red (42%)
- Green (39%)
- Blue (28%)



- Red (33%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.4990, 14.3520, -6.8000 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 98.4990, 14.3520, -6.8000 by changing the saturation by 10% instead.

■ 98.4990, 14.3520,
-6.8000

■ 98.4990, 14.3520,
-6.8000

■ 255.0000, -0.0000,
-0.0000

■ 74.3140, 13.4350,
-6.7010

■ 149.5700, 15.5900,
-7.2100

■ 52.1290, 12.5180,
-6.6020

■ 175.7550, 16.5070,
-7.3090

■ 29.7870, 13.4810,
-7.5350

■ 203.6410, 16.8280,
-7.6200

■ 7.3870, 3.1640,
-2.2760

■ 231.8260, 17.7450,
-7.7190

■ 0.0000, 0.0000,
0.0000

■ 251.8080, 8.9880,
-8.7080

■ 98.4990, 14.3520,
-6.8000

■ 98.4990, 14.3520,
-6.8000

■ 95.4840, 18.7080,
-8.6520

■ 101.5140, 9.9960,
-4.9480

■ 93.0560, 22.7890,
-11.0270

■ 103.9420, 5.9150,
-2.5730

■ 90.1550, 26.8240,
-12.5680

■ 106.8430, 1.8800,
-1.0320

■ 87.1400, 31.1800,
-14.4200

■ 109.8580, -2.4760,
0.8200

■ 84.7120, 35.2610,
-16.7950

■ 112.2860, -6.5570,
3.1950

■ 81.6970, 39.6170,
-18.6470

■ 115.3010,
-10.9130, 5.0470

■ 80.4260, 41.8180,
-19.9900

■ 117.7290,
-14.9940, 7.4220

■ 120.6300,

-19.0290, 8.9630

■ 123.6450,
-23.3850, 10.8150

Harmonies

Analogous

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



99.4940, 21.9160, -0.7080



98.4990, 14.3520, -6.8000



96.5190, 2.4320, -11.0400

Triad

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



98.4990, 14.3520, -6.8000



92.9620, -32.3680, -8.1120



101.7660, 9.9470, 12.4670

Complementary

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



98.4990, 14.3520, -6.8000



80.5010, -14.3520, 6.8000

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.



100.8830, -3.6240, 10.6160



98.4990, 14.3520, -6.8000



94.9180, -29.0680, -1.8360

Square

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



98.4990, 14.3520, -6.8000



92.8610, -24.8940, -11.4060



98.2940, -18.2030, 5.0050



101.3880, 19.7590, 10.8550

Rectangle

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



98.4990, 14.3520, -6.8000



95.5010, -6.3250, -12.0290



98.2940, -18.2030, 5.0050



101.6130, 6.0040, 12.3400

Sweetspot

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



98.4990, 14.3520, -6.8000



136.6430, 5.3190, -2.7850



83.0890, 19.1630, 10.6430



68.9140, 3.1180, -1.4420



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



98.4990, 14.3520, -6.8000



125.2840, 22.1470, -10.4050



101.0910, 6.5130, -13.4150



52.1420, 2.4760, -0.8200



87.2260, 45.2570, -21.7430



181.8500, 95.1450, -44.8150

Inverse Universe

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



80.5010, -14.3520, 6.8000



97.7160, -22.1470, 10.4050



77.9090, -6.5130, 13.4150



49.2710, -2.2010, 1.3430



30.3610, -45.5320, 21.2200



63.1500, -95.1450, 44.8150

Previews

White Background



This preview shows how the YIQ color 98.4990, 14.3520, -6.8000 looks on a white background.

Color Contrast Check

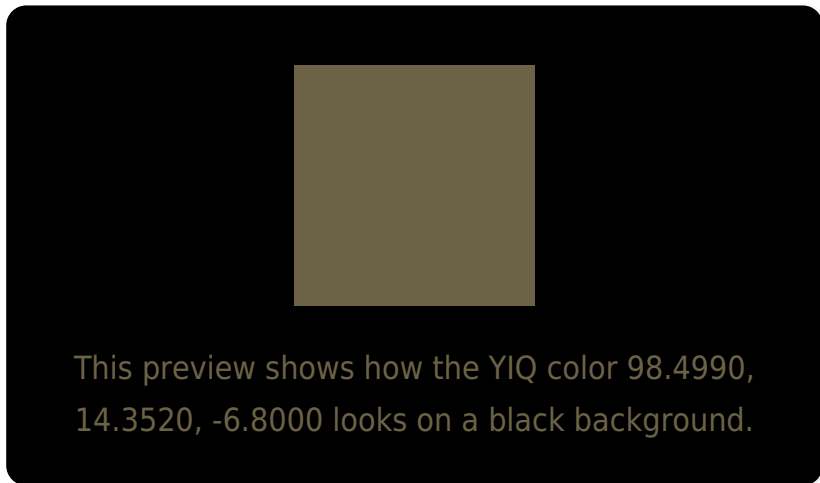
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.4990, 14.3520, -6.8000

Background



This preview shows how black text looks on a background with the YIQ color 98.4990, 14.3520, -6.8000.



This preview shows how white text looks on a background with the YIQ color 98.4990, 14.3520,

-6.8000.

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

98.4990, 14.3520, -6.8000

Protanopia

98.2000, 13.7560, -7.0120

Deuteranopia

99.2550, 21.0910, -2.2770



Tritanopia

100.8810, 7.8850, 5.7810

Trichromacy



Original Color

98.4990, 14.3520, -6.8000

Protanomaly

98.2000, 13.7560, -7.0120

Deuteranomaly

98.6460, 18.4320, -3.6480

Tritanomaly

99.9150, 10.5450, 1.6250

Monochromacy



Original Color

98.4990, 14.3520, -6.8000

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.4990, 14.3520, -6.8000 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(108, 99, 71)` looks like.

```
.text, #text, p{  
    color:rgb(108, 99, 71)  
}
```

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(108, 99, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 99, 71) }
```

Border

The CSS property to change the border of an element to YIQ 98.4990, 14.3520, -6.8000 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(108, 99, 71) }
```


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

```
.border{ border-color:rgb(108, 99, 71) }
```

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

Here you see how a box with a 4 pixel rgb(108, 99, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 99, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 99, 71);  
box-shadow:4px 4px 4px 4px rgb(108, 99,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 98.4990, 14.3520, -6.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 99, 71) }
```

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

```
.background{ background-color: rgb(108, 99,  
71) }
```

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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