

Converting Colors

YIQ(99.7490, 8.6170, 14.5450)

Have a look what the booklet for
YIQ(99.7490, 8.6170, 14.5450)
contains.

YIQ(99.7490, 8.6170, 14.5450)	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(99.7490, 8.6170,
14.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	755873
RGB	117, 88, 115
RGB Percent	46%, 35%, 45%
CMY	0.5411, 0.6549, 0.5490
CMYK	0.00, 0.25, 0.02, 0.54
HSL	304°, 14%, 40%
HSV	304°, 25%, 46%
XYZ	13.9225, 11.9988, 17.8029
YIQ	99.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

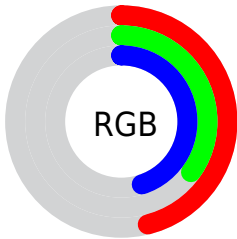
Format	Color
R_{YB}	117, 88, 115
Decimal	7690355
CIE _{Lab}	41.21, 16.96, -10.72
CIE _{LCh}	41, 20.061, 327.703
Yxy	11.9988, 0.3184, 0.2744
Android (android.graphics.Color)	4285880435 (0xFF755873)
YUV	99.7490, 7.5187, 15.1291
Hunter-Lab	34.6392, 11.1256, -6.2247

Details

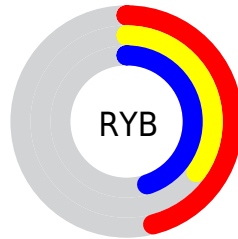
The YIQ color **99.7490, 8.6170, 14.5450** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105.2510, -8.6170, -14.5450**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.5750, 9.1670, 15.5910**, and **52.6240, 7.4710, 13.2870** is the 20% darker color. If you saturate the color by 10%, you get **92.5910, 12.2380, 20.5100**, and if you desaturate by 10%, it is **106.9070, 4.9960, 8.5800**.

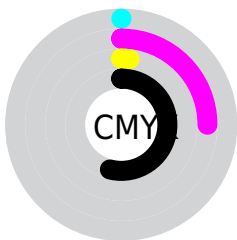
Distribution



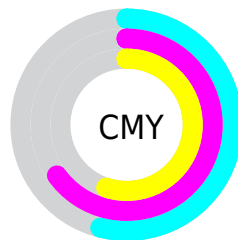
- Red (46%)
- Green (35%)
- Blue (45%)



- Red (46%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.7490, 8.6170, 14.5450 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 99.7490, 8.6170, 14.5450 by changing the saturation by 10% instead.

■ 99.7490, 8.6170,
14.5450

■ 99.7490, 8.6170,
14.5450

■ 255.0000, -0.0000,
-0.0000

■ 75.3360, 8.3420,
14.0220

■ 150.5750, 9.1670,
15.5910

■ 52.6240, 7.4710,
13.2870

■ 177.8740, 9.7630,
15.8030

■ 31.2110, 7.1960,
12.7640

■ 205.2870, 10.0380,
16.3260

■ 10.9230, 8.0670,
13.4990

■ 233.7000, 10.3130,
16.8490

■ 0.0000, 0.0000,
0.0000

■ 250.8910, 1.9250,
3.6610

99.7490, 8.6170,
14.5450

99.7490, 8.6170,
14.5450

92.5910, 12.2380,
20.5100

106.9070, 4.9960,
8.5800

86.0200, 15.5840,
25.9520

113.4780, 1.6500,
3.1380

78.9760, 18.8840,
32.2280

120.5220, -1.6500,
-3.1380

71.8180, 22.5050,
38.1930

127.6800, -5.2710,
-9.1030

64.6600, 26.1260,
44.1580

134.8380, -8.8920,
-15.0680

58.0890, 29.4720,
49.6000

141.4090,
-12.2380, -20.5100

50.9310, 33.0930,
55.5650


148.5670,
-15.8590, -26.4750

47.4090, 34.7430,

155.7250,

58.7030

-19.4800, -32.4400

 162.1820,
-22.5050, -38.1930

Harmonies

Analogous

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



98.2570, -7.6130, 11.3230



99.7490, 8.6170, 14.5450



99.4530, 21.1340, 13.4700

Triad

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



99.7490, 8.6170, 14.5450



96.5380, 18.6160, -6.9840



88.1460, -38.8780, -11.2780

Complementary

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



99.7490, 8.6170, 14.5450



105.2510, -8.6170, -14.5450

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.



89.4970, -26.8650, -14.2330



99.7490, 8.6170, 14.5450



94.8460, 5.8250, -11.9590

Square

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



99.7490, 8.6170, 14.5450



97.5870, 26.0880, 0.7760



92.1800, -9.8550, -14.1350



90.8460, -37.7330, -4.4930

Rectangle

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



99.7490, 8.6170, 14.5450



98.7970, 25.8570, 10.4730



92.1800, -9.8550, -14.1350



88.1740, -36.0810, -12.4090

Sweetspot

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



99.7490, 8.6170, 14.5450



146.4290, 3.3460, 5.4420



91.9040, -8.1170, 9.4430



72.7770, 2.2460, 3.3500



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



99.7490, 8.6170, 14.5450



125.6560, 13.6130, 23.1250



98.1530, 13.1110, 10.1910



55.3640, 1.9710, 2.8270



49.4740, 36.1180, 61.3180



101.3120, 74.2070, 125.4630

Inverse Universe

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



99.7490, 8.6170, 14.5450



125.6560, 13.6130, 23.1250



106.8470, -13.1110, -10.1910



55.3640, 1.9710, 2.8270



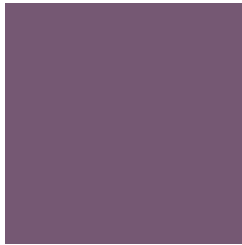
49.4740, 36.1180, 61.3180



101.3120, 74.2070, 125.4630

Previews

White Background



This preview shows how the YIQ color 99.7490, 8.6170, 14.5450 looks on a white background.

Color Contrast Check

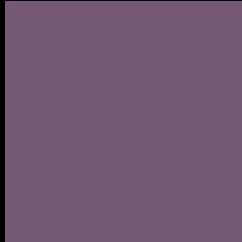
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.7490, 8.6170, 14.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

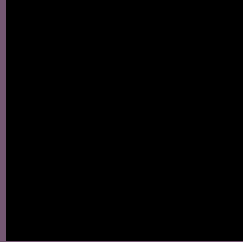
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.7490, 8.6170, 14.5450

Background



This preview shows how black text looks on a background with the YIQ color 99.7490, 8.6170, 14.5450.



This preview shows how white text looks on a background with the YIQ color 99.7490, 8.6170,

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

99.7490, 8.6170, 14.5450

Protanopia

97.6540, -10.4090, 6.9270

Deuteranopia

98.3620, -3.7150, 6.7570



Tritanopia

98.9740, 12.0570, 7.2650

Trichromacy



Original Color

99.7490, 8.6170, 14.5450

Protanomaly

98.3560, -3.5780, 9.7820

Deuteranomaly

98.6940, 1.2820, 9.8100

Tritanomaly

99.3700, 11.0020, 9.8660

Monochromacy



Original Color

99.7490, 8.6170, 14.5450

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.0160, 3.0710, 4.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7490, 8.6170, 14.5450 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(117, 88, 115)` looks like.

```
.text, #text, p{  
    color:rgb(117, 88, 115)  
}
```

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(117, 88, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 88, 115) }
```

Border

The CSS property to change the border of an element to YIQ 99.7490, 8.6170, 14.5450 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(117, 88, 115) }
```


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

```
.border{ border-color:rgb(117, 88, 115) }
```

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

Here you see how a box with a 4 pixel rgb(117, 88, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 88, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 88, 115);  
box-shadow:4px 4px 4px 4px rgb(117, 88,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7490, 8.6170, 14.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 88, 115) }
```

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

```
.background{ background-color: rgb(117, 88,  
115) }
```

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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