

Converting Colors

YIQ(99.7990, 6.3210, 34.1370)

Have a look what the booklet for
YIQ(99.7990, 6.3210, 34.1370)
contains.

| | |
|--|----|
| YIQ(99.7990, 6.3210, 34.1370) | 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(99.7990, 6.3210,
34.1370)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7F4C97 |
| RGB | 127, 76, 151 |
| RGB Percent | 50%, 30%, 59% |
| CMY | 0.5018, 0.7020, 0.4079 |
| CMYK | 0.16, 0.50, 0.00, 0.41 |
| HSL | 281°, 33%, 45% |
| HSV | 281°, 50%, 59% |
| XYZ | 16.9270, 11.9154, 30.6823 |
| YIQ | 99.7990, 6.3210, 34.1370 |

Conversions

Conversions Part 2

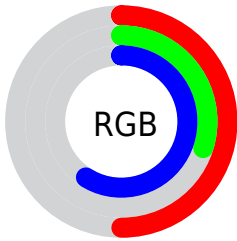
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 76, 151 |
| Decimal | 8342679 |
| CIE _{Lab} | 41.08, 35.27, -32.71 |
| CIE _{LCh} | 41, 48.099, 317.160 |
| Yxy | 11.9154, 0.2844, 0.2002 |
| Android (android.graphics.Color) | 4286532759 (0xFF7F4C97) |
| YUV | 99.7990, 25.2421, 23.8553 |
| Hunter-Lab | 34.5186, 27.1239, -28.5376 |

Details

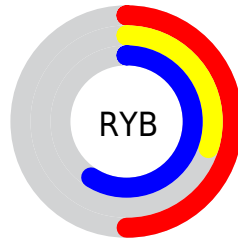
The YIQ color **99.7990, 6.3210, 34.1370** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.2010, -6.3210, -34.1370**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.5650, 7.1000, 36.5400**, and **50.5600, 5.4960, 32.5680** is the 20% darker color. If you saturate the color by 10%, you get **89.4990, 7.4660, 40.9220**, and if you desaturate by 10%, it is **110.0990, 5.1760, 27.3520**.

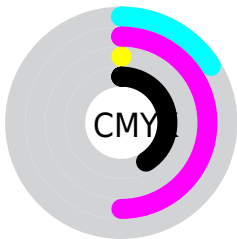
Distribution



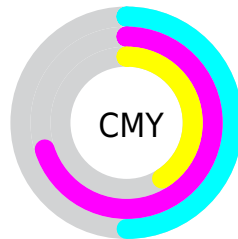
- Red (50%)
- Green (30%)
- Blue (59%)



- Red (50%)
- Yellow (30%)
- Blue (59%)



- Cyan (16%)
- Magenta (50%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.7990, 6.3210, 34.1370 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 99.7990, 6.3210, 34.1370 by changing the saturation by 10% instead.

■ 99.7990, 6.3210,
34.1370

■ 99.7990, 6.3210,
34.1370

■ 255.0000, -0.0000,
-0.0000

■ 74.9730, 5.7710,
33.0910

■ 151.5650, 7.1000,
36.5400

■ 50.5600, 5.4960,
32.5680

■ 178.9780, 7.3750,
37.0630

■ 25.5600, 5.4960,
32.5680

■ 205.8920, 10.4930,
35.6210

■ 15.1970, 1.7840,
22.7440

■ 227.4110, 12.9250,
24.5810

■ 4.5940, -10.1800,
8.2840

■ 243.8470, 5.2250,
9.9370

■ 0.0000, 0.0000,
0.0000

99.7990, 6.3210,
34.1370

99.7990, 6.3210,
34.1370

89.4990, 7.4660,
40.9220

110.0990, 5.1760,
27.3520

79.1990, 8.6110,
47.7070

120.3990, 4.0310,
20.5670

69.1980, 10.3520,
54.7040

130.6990, 2.8860,
13.7820

58.8980, 11.4970,
61.4890

140.7000, 1.1450,
6.7850

48.0110, 12.9170,
68.7970

151.0000, -0.0000,
0.0000

161.8870, -1.4200,
-7.3080

172.1870, -2.5650,
-14.0930

182.4870, -3.7100,

-20.8780

■ 192.4880, -5.4510,
-27.8750

Harmonies

Analogous

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



92.5520, -44.7520, 18.0960



99.7990, 6.3210, 34.1370



95.9850, 41.0280, 38.4040

Triad

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



99.7990, 6.3210, 34.1370



92.0250, 50.4370, -16.4990



81.0710, -69.8240, -23.1360

Complementary

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



99.7990, 6.3210, 34.1370



127.2010, -6.3210, -34.1370

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.



75.8100, -56.3880, -35.3640



99.7990, 6.3210, 34.1370



88.9630, 26.6440, -31.3400

Square

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



99.7990, 6.3210, 34.1370



93.4680, 60.3360, 7.8560



83.0690, -14.7570, -35.4370



83.8870, -80.5090, -11.2050

Rectangle

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



99.7990, 6.3210, 34.1370



93.5380, 55.2880, 33.2720



83.0690, -14.7570, -35.4370



79.5890, -65.6510, -27.1790

Sweetspot

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



99.7990, 6.3210, 34.1370



176.2860, 2.6110, 13.2590



99.2250, -30.9500, 10.2500



87.5260, 1.6950, 7.8310



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



99.7990, 6.3210, 34.1370



116.2580, 10.1230, 53.3470



105.4930, 24.7980, 35.1820



71.4070, 0.4120, 3.5480



44.3650, 11.6800, 63.6800



4.1730, 1.1910, 5.9510

Inverse Universe

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



101.1610, 36.9960, 23.3640



118.2010, 57.8550, 36.3110



121.3930, -24.4770, -35.4930



71.6200, 4.1260, 2.3180



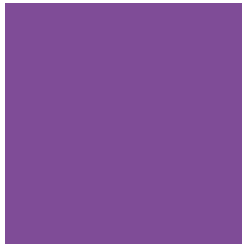
46.9900, 68.9950, 43.6750



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 99.7990, 6.3210, 34.1370 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 99.7990, 6.3210, 34.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

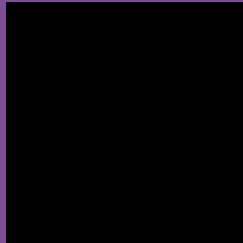
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.7990, 6.3210, 34.1370

Background



This preview shows how black text looks on a background with the YIQ color 99.7990, 6.3210, 34.1370.



This preview shows how white text looks on a background with the YIQ color 99.7990, 6.3210,

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

99.7990, 6.3210, 34.1370

Protanopia

94.3520, -41.3130, 16.3430

Deuteranopia

95.8230, -29.7580, 10.6740



Tritanopia

98.7680, 15.6330, 8.5370

Trichromacy



Original Color

99.7990, 6.3210, 34.1370

Protanomaly

96.4360, -23.7540, 23.0140

Deuteranomaly

96.9220, -16.5550, 19.1970

Tritanomaly

99.0100, 12.3760, 18.0080

Monochromacy



Original Color

99.7990, 6.3210, 34.1370

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.8730, 2.3360, 12.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7990, 6.3210, 34.1370 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(127, 76, 151)` looks like.

```
.text, #text, p{  
    color:rgb(127, 76, 151)  
}
```

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(127, 76, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 76, 151) }
```

Border

The CSS property to change the border of an element to YIQ 99.7990, 6.3210, 34.1370 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(127, 76, 151) }
```


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

```
.border{ border-color:rgb(127, 76, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 76, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 76, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 76, 151); box-shadow:4px 4px 4px 4px rgb(127, 76, 151) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7990, 6.3210, 34.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 76, 151) }
```

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

```
.background{ background-color: rgb(127, 76,  
151) }
```

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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