

Converting Colors

YIQ(97.1540, 12.5110, 32.0870)

Have a look what the booklet for
YIQ(97.1540, 12.5110, 32.0870)
contains.

YIQ(97.1540, 12.5110, 32.0870)	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(97.1540, 12.5110,
32.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	81498A
RGB	129, 73, 138
RGB Percent	51%, 29%, 54%
CMY	0.4939, 0.7138, 0.4588
CMYK	0.06, 0.47, 0.00, 0.46
HSL	292°, 31%, 41%
HSV	292°, 47%, 54%
XYZ	16.0284, 11.2676, 25.3748
YIQ	97.1540, 12.5110, 32.0870

Conversions

Conversions Part 2

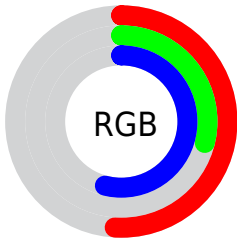
Format	Color
R_{YB}	129, 73, 138
Decimal	8472970
CIE _{Lab}	40.03, 34.74, -26.48
CIE _{LCh}	40, 43.682, 322.688
Yxy	11.2676, 0.3043, 0.2139
Android (android.graphics.Color)	4286663050 (0xFF81498A)
YUV	97.1540, 20.1371, 27.9289
Hunter-Lab	33.5672, 26.4915, -21.3225

Details

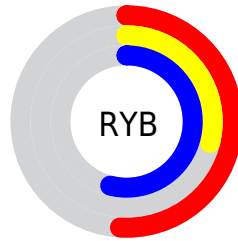
The YIQ color **97.1540, 12.5110, 32.0870** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **113.8460, -12.5110, -32.0870**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8060, 13.6110, 34.1790**, and **48.0290, 11.3650, 30.8290** is the 20% darker color. If you saturate the color by 10%, you get **88.3380, 15.1690, 38.9850**, and if you desaturate by 10%, it is **105.9700, 9.8530, 25.1890**.

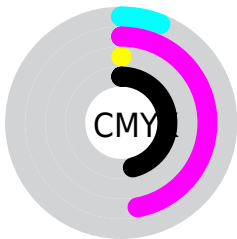
Distribution



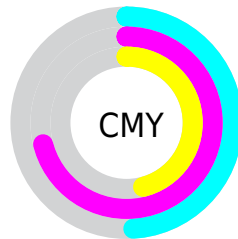
- Red (51%)
- Green (29%)
- Blue (54%)



- Red (51%)
- Yellow (29%)
- Blue (54%)



- Cyan (6%)
- Magenta (47%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (71%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.1540, 12.5110, 32.0870 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 97.1540, 12.5110, 32.0870 by changing the saturation by 10% instead.

97.1540, 12.5110,
32.0870

97.1540, 12.5110,
32.0870

255.0000, -0.0000,
-0.0000

72.3280, 11.9610,
31.0410

148.8060, 13.6110,
34.1790

48.0290, 11.3650,
30.8290

176.2190, 13.8860,
34.7020

23.1430, 11.0440,
31.1400

203.9310, 14.7570,
35.4370

15.2530, 7.3780,
20.4820

225.6500, 13.7500,
26.1500

2.8670, -6.6950,
5.6970

242.0860, 6.0500,
11.5060

0.0000, 0.0000,
0.0000

■ 97.1540, 12.5110,
32.0870

■ 97.1540, 12.5110,
32.0870

■ 88.3380, 15.1690,
38.9850

■ 105.9700, 9.8530,
25.1890

■ 79.5220, 17.8270,
45.8830

■ 114.7860, 7.1950,
18.2910

■ 71.2930, 20.2100,
52.2580

■ 123.0150, 4.8120,
11.9160

■ 62.4770, 22.8680,
59.1560

■ 131.8310, 2.1540,
5.0180

■ 53.9600, 26.1220,
66.2660

■ 140.6470, -0.5040,
-1.8800


■ 51.3130, 26.6260,
68.1460

■ 149.1640, -3.7580,
-8.9900

■ 157.9800, -6.4160,
-15.8880

■ 166.2090, -8.7990,

-22.2630

 175.0250,
-11.4570, -29.1610

Harmonies

Analogous

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



94.1040, -28.7510, 19.9610



97.1540, 12.5110, 32.0870



93.8230, 41.3040, 33.4000

Triad

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



97.1540, 12.5110, 32.0870



90.5340, 41.6340, -16.6540



78.9510, -69.3660, -20.4220

Complementary

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



97.1540, 12.5110, 32.0870



113.8460, -12.5110, -32.0870

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.



74.7330, -57.4890, -31.9290



97.1540, 12.5110, 32.0870



87.3950, 16.7400, -28.0600

Square

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



97.1540, 12.5110, 32.0870



91.7120, 53.5970, 3.3330



80.3550, -21.3140, -32.2420



80.4960, -77.8500, -9.8340

Rectangle

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



97.1540, 12.5110, 32.0870



92.5820, 51.9880, 26.9960



80.3550, -21.3140, -32.2420



77.5830, -65.5140, -24.1540

Sweetspot

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



97.1540, 12.5110, 32.0870



163.1290, 4.4910, 12.2270



86.2800, -23.6150, 14.9850



79.5970, 2.9330, 7.4210



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



97.1540, 12.5110, 32.0870



114.6410, 19.1100, 50.1660



97.2230, 25.2580, 26.8420



64.5920, 1.3290, 3.4490



49.2480, 25.2510, 65.5310



1.7660, 0.7790, 2.4030

Inverse Universe

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



93.4610, 35.8510, 16.5790



109.0940, 56.2980, 25.9780



113.7770, -25.2580, -26.8420



64.2070, 3.8510, 1.7950



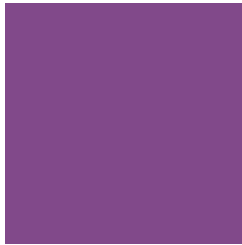
41.8190, 73.4900, 33.7940



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 97.1540, 12.5110, 32.0870 looks on a white background.

Color Contrast Check

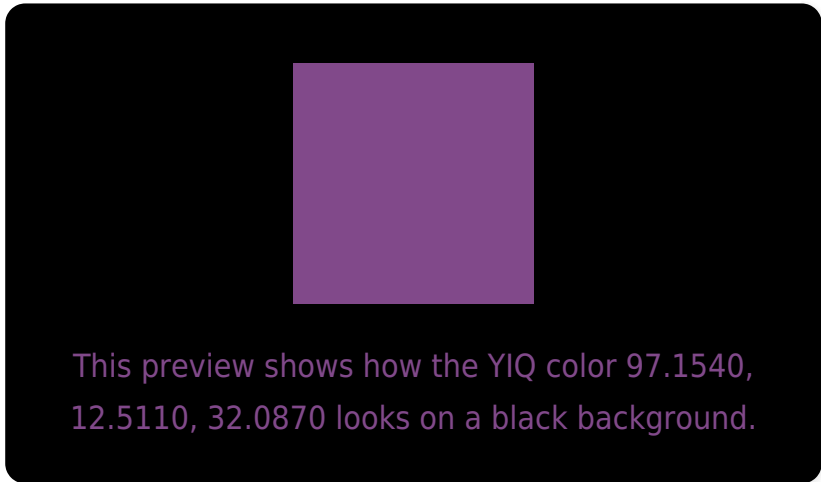
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.1540, 12.5110, 32.0870

Background



This preview shows how black text looks on a background with the YIQ color 97.1540, 12.5110, 32.0870.



This preview shows how white text looks on a background with the YIQ color 97.1540, 12.5110,

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

97.1540, 12.5110, 32.0870

Protanopia

93.1910, -33.6100, 14.4060

Deuteranopia

94.3740, -21.1840, 9.4720



Tritanopia

96.3450, 21.3180, 10.1340

Trichromacy



Original Color

97.1540, 12.5110, 32.0870

Protanomaly

94.6770, -17.2430, 20.6530

Deuteranomaly

95.1740, -8.5770, 17.7830

Tritanomaly

96.5330, 18.1530, 17.9370

Monochromacy



Original Color

97.1540, 12.5110, 32.0870

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0150, 4.8120, 11.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.1540, 12.5110, 32.0870 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(129, 73, 138)` looks like.

```
.text, #text, p{  
    color:rgb(129, 73, 138)  
}
```

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(129, 73, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 73, 138) }
```

Border

The CSS property to change the border of an element to YIQ 97.1540, 12.5110, 32.0870 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(129, 73, 138) }
```


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

```
.border{ border-color:rgb(129, 73, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 73, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 73, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 73, 138);  
box-shadow:4px 4px 4px 4px rgb(129, 73,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 97.1540, 12.5110, 32.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 73, 138) }
```

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

```
.background{ background-color: rgb(129, 73,  
138) }
```

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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