

Converting Colors

YIQ(97.4100, 14.6660, 31.5780)

Have a look what the booklet for
YIQ(97.4100, 14.6660, 31.5780)
contains.

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Color

**YIQ(97.4100, 14.6660,
31.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	834987
RGB	131, 73, 135
RGB Percent	51%, 29%, 53%
CMY	0.4861, 0.7138, 0.4706
CMYK	0.03, 0.46, 0.00, 0.47
HSL	296°, 30%, 41%
HSV	296°, 46%, 53%
XYZ	16.1214, 11.3401, 24.2618
YIQ	97.4100, 14.6660, 31.5780

Conversions

Conversions Part 2

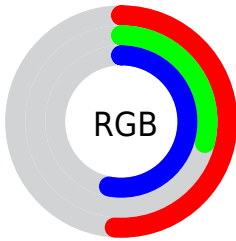
Format	Color
R_{YB}	131, 73, 135
Decimal	8604039
CIE _{Lab}	40.15, 34.76, -24.44
CIE _{LCh}	40, 42.493, 324.882
Yxy	11.3401, 0.3117, 0.2192
Android (android.graphics.Color)	4286794119 (0xFF834987)
YUV	97.4100, 18.5319, 29.4584
Hunter-Lab	33.6751, 26.5222, -19.1439

Details

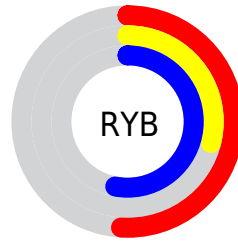
The YIQ color **97.4100, 14.6660, 31.5780** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.5900, -14.6660, -31.5780**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0620, 15.7660, 33.6700**, and **48.2850, 13.5200, 30.3200** is the 20% darker color. If you saturate the color by 10%, you get **88.8930, 17.9200, 38.6880**, and if you desaturate by 10%, it is **105.3400, 11.6870, 24.9910**.

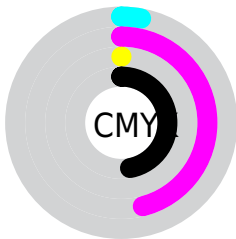
Distribution



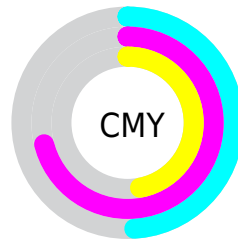
- Red (51%)
- Green (29%)
- Blue (53%)



- Red (51%)
- Yellow (29%)
- Blue (53%)



- Cyan (3%)
- Magenta (46%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.4100, 14.6660, 31.5780 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 97.4100, 14.6660, 31.5780 by changing the saturation by 10% instead.

97.4100, 14.6660,
31.5780

97.4100, 14.6660,
31.5780

255.0000, -0.0000,
-0.0000

72.6980, 13.7950,
30.8430

149.0620, 15.7660,
33.6700

48.2850, 13.5200,
30.3200

176.6600, 16.9580,
34.0940

23.3990, 13.1990,
30.6310

204.1870, 16.9120,
34.9280

15.3240, 8.6160,
20.0720

225.6500, 13.7500,
26.1500

2.5250, -5.7320,
4.7640

242.0860, 6.0500,
11.5060

0.0000, 0.0000,
0.0000

97.4100, 14.6660,
31.5780

97.4100, 14.6660,
31.5780

88.8930, 17.9200,
38.6880

105.3400, 11.6870,
24.9910

80.9630, 20.8990,
45.2750

113.8570, 8.4330,
17.8810

72.4460, 24.1530,
52.3850

121.7870, 5.4540,
11.2940

64.8150, 27.7280,
59.1840

130.0050, 1.6040,
3.9720

56.2980, 30.9820,
66.2940

137.9350, -1.3750,
-2.6150


53.0640, 31.7610,
68.6970

146.4520, -4.6290,
-9.7250

154.3820, -7.6080,
-16.3120

162.8990,

-10.8620, -23.4220

 170.8290,
-13.8410, -30.0090

Harmonies

Analogous

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



95.0830, -24.2580, 21.1340



97.4100, 14.6660, 31.5780



94.6550, 41.7170, 31.4210

Triad

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



97.4100, 14.6660, 31.5780



90.8650, 39.2040, -16.6680



79.1790, -70.0080, -19.8000

Complementary

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



97.4100, 14.6660, 31.5780



110.5900, -14.6660, -31.5780

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.



75.0750, -58.4520, -30.9960



97.4100, 14.6660, 31.5780



87.3670, 13.9430, -26.9290

Square

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



97.4100, 14.6660, 31.5780



92.2880, 51.8550, 1.8630



80.8000, -24.0650, -31.9450



80.6100, -78.1710, -9.5230

Rectangle

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



97.4100, 14.6660, 31.5780



93.2290, 51.4840, 25.1160



80.8000, -24.0650, -31.9450



77.8110, -66.1560, -23.5320

Sweetspot

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



97.4100, 14.6660, 31.5780



160.7270, 5.6830, 12.6510



82.4160, -21.0020, 17.1900



79.8960, 3.5290, 7.6330



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.



97.4100, 14.6660, 31.5780



117.2670, 23.0990, 49.4590



95.5280, 25.7170, 24.0290



62.4780, 1.6500, 3.1380



51.2980, 30.9820, 66.2940



0.9400, 0.2290, 1.3570

Inverse Universe

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



91.9940, 35.6680, 14.3880



108.6870, 55.8860, 22.4300



112.4720, -25.7170, -24.0290



61.7940, 3.5760, 1.2720



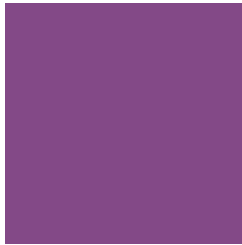
39.7820, 74.9120, 30.0480



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 97.4100, 14.6660, 31.5780 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 97.4100, 14.6660, 31.5780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

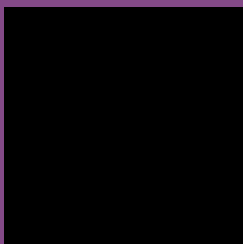
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.4100, 14.6660, 31.5780

Background



This preview shows how black text looks on a background with the YIQ color 97.4100, 14.6660, 31.5780.



This preview shows how white text looks on a background with the YIQ color 97.4100, 14.6660,

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

97.4100, 14.6660, 31.5780

Protanopia

93.7460, -30.8590, 14.1090

Deuteranopia

94.9290, -18.4330, 9.1750



Tritanopia

96.3560, 22.7850, 11.0810

Trichromacy



Original Color

97.4100, 14.6660, 31.5780

Protanomaly

95.2320, -14.4920, 20.3560

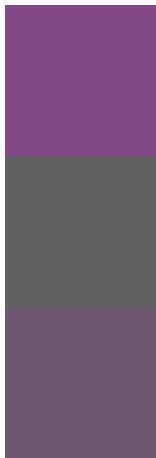
Deuteranomaly

95.4300, -6.4220, 17.2740

Tritanomaly

96.4300, 19.9410, 18.5730

Monochromacy



Original Color

97.4100, 14.6660, 31.5780

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.9010, 5.1330, 11.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.4100, 14.6660, 31.5780 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(131, 73, 135)` looks like.

```
.text, #text, p{  
    color:rgb(131, 73, 135)  
}
```

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(131, 73, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 73, 135) }
```

Border

The CSS property to change the border of an element to YIQ 97.4100, 14.6660, 31.5780 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(131, 73, 135) }
```


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

```
.border{ border-color:rgb(131, 73, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 73, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 73, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 73, 135);  
box-shadow:4px 4px 4px 4px rgb(131, 73,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 97.4100, 14.6660, 31.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 73, 135) }
```

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

```
.background{ background-color: rgb(131, 73,  
135) }
```

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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