

Converting Colors

YIQ(104.0160, 12.2390, 14.9830)

Have a look what the booklet for
YIQ(104.0160, 12.2390, 14.9830)
contains.

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Color

**YIQ(104.0160, 12.2390,
14.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5B74
RGB	125, 91, 116
RGB Percent	49%, 36%, 45%
CMY	0.5097, 0.6432, 0.5451
CMYK	0.00, 0.27, 0.07, 0.51
HSL	316°, 16%, 42%
HSV	316°, 27%, 49%
XYZ	15.3537, 13.1027, 18.2451
YIQ	104.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

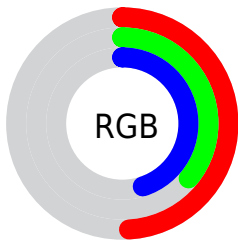
Format	Color
R_{YB}	125, 91, 116
Decimal	8215412
CIE _{Lab}	42.92, 18.35, -8.68
CIE _{LCh}	43, 20.303, 334.690
Yxy	13.1027, 0.3288, 0.2806
Android (android.graphics.Color)	4286405492 (0xFF7D5B74)
YUV	104.0160, 5.9081, 18.4030
Hunter-Lab	36.1976, 12.3674, -4.5463

Details

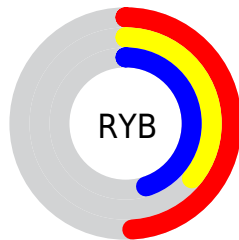
The YIQ color **104.0160, 12.2390, 14.9830** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111.9840, -12.2390, -14.9830**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.1410, 13.3850, 16.2410**, and **56.5920, 10.4970, 13.5130** is the 20% darker color. If you saturate the color by 10%, you get **96.0430, 16.7770, 20.8490**, and if you desaturate by 10%, it is **111.4020, 7.9760, 9.6400**.

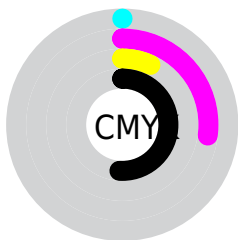
Distribution



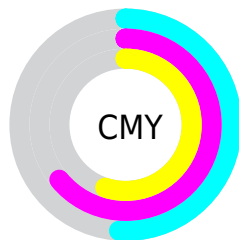
- Red (49%)
- Green (36%)
- Blue (45%)



- Red (49%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (7%)
- Black (51%)



- Cyan (51%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.0160, 12.2390, 14.9830 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 104.0160, 12.2390, 14.9830 by changing the saturation by 10% instead.

104.0160, 12.2390,
14.9830

104.0160, 12.2390,
14.9830

255.0000, -0.0000,
-0.0000

79.6030, 11.9640,
14.4600

155.1410, 13.3850,
16.2410

56.5920, 10.4970,
13.5130

182.4400, 13.9810,
16.4530

34.2930, 9.9010,
13.3010

209.8530, 14.2560,
16.9760

12.4180, 11.0470,
14.5590

235.8740, 9.7630,
15.8030

0.0000, 0.0000,
0.0000

253.2390, 0.8250,
1.5690

■ 104.0160, 12.2390,
14.9830

■ 104.0160, 12.2390,
14.9830

■ 96.0430, 16.7770,
20.8490

■ 111.4020, 7.9760,
9.6400

■ 88.5430, 21.3610,
25.8810

■ 119.4890, 3.1170,
4.0850

■ 80.5700, 25.8990,
31.7470

■ 126.8750, -1.1460,
-1.2580

■ 73.1840, 30.1620,
37.0900

■ 134.8480, -5.6840,
-7.1240

■ 65.0970, 35.0210,
42.6450

■ 142.9350,
-10.5430, -12.6790

■ 57.7110, 39.2840,
47.9880

■ 150.3210,
-14.8060, -18.0220

■ 49.7380, 43.8220,
53.8540


■ 158.2940,
-19.3440, -23.8880

■ 47.8630, 44.9680,

■ 165.7940,

55.1120

-23.9280, -28.9200

 173.7670,
-28.4660, -34.7860

Harmonies

Analogous

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



103.0510, -4.0370, 12.5950



104.0160, 12.2390, 14.9830



103.5950, 23.6100, 12.6500

Triad

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



104.0160, 12.2390, 14.9830



100.2280, 16.5530, -8.1430



92.6020, -40.1620, -10.0340

Complementary

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



104.0160, 12.2390, 14.9830



111.9840, -12.2390, -14.9830

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.



93.3440, -30.8080, -14.3600



104.0160, 12.2390, 14.9830



98.0520, 2.2490, -13.2310

Square

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



104.0160, 12.2390, 14.9830



101.2340, 25.5840, -1.1040



95.6140, -14.0730, -14.7850



95.6830, -35.7160, -2.5000

Rectangle

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



104.0160, 12.2390, 14.9830



103.2270, 27.4620, 8.9180



95.6140, -14.0730, -14.7850



92.0320, -38.5570, -11.5890

Sweetspot

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



104.0160, 12.2390, 14.9830



155.0270, 4.5380, 5.8660



97.2680, -6.1460, 12.2700



76.3750, 3.4380, 3.7740



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



104.0160, 12.2390, 14.9830



129.7060, 19.3440, 23.8880



102.0780, 17.6960, 9.6960



59.6630, 2.5670, 3.0390



48.9880, 46.1140, 56.3700



0.0000, 0.0000, 0.0000

Inverse Universe

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



104.0160, 12.2390, 14.9830



129.7060, 19.3440, 23.8880



113.9220, -17.6960, -9.6960



59.6630, 2.5670, 3.0390



48.9880, 46.1140, 56.3700



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 104.0160, 12.2390, 14.9830 looks on a white background.

Color Contrast Check

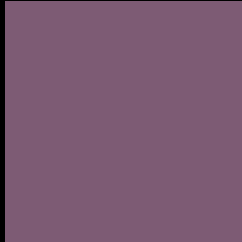
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.0160, 12.2390, 14.9830 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 104.0160, 12.2390, 14.9830

Background



This preview shows how black text looks on a background with the YIQ color 104.0160, 12.2390, 14.9830.



This preview shows how white text looks on a background with the YIQ color 104.0160, 12.2390,

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

104.0160, 12.2390, 14.9830

Protanopia

102.1980, -9.1250, 5.6830

Deuteranopia

102.6180, -1.5600, 6.2480



Tritanopia

103.4690, 15.0370, 8.3250

Trichromacy



Original Color

104.0160, 12.2390, 14.9830

Protanomaly

102.6120, -1.4230, 9.2730

Deuteranomaly

102.9500, 3.4370, 9.3010

Tritanomaly

103.7510, 14.3030, 10.6150

Monochromacy



Original Color

104.0160, 12.2390, 14.9830

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.9130, 4.8590, 5.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.0160, 12.2390, 14.9830 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(125, 91, 116)` looks like.

```
.text, #text, p{  
    color:rgb(125, 91, 116)  
}
```

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(125, 91, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 91, 116) }
```

Border

The CSS property to change the border of an element to YIQ 104.0160, 12.2390, 14.9830 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(125, 91, 116) }
```


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

```
.border{ border-color:rgb(125, 91, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 91, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 91, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 91, 116);  
box-shadow:4px 4px 4px 4px rgb(125, 91,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 104.0160, 12.2390, 14.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 91, 116) }
```

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

```
.background{ background-color: rgb(125, 91,  
116) }
```

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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