

Converting Colors

YIQ(104.3100, 28.4260, 2.4580)

Have a look what the booklet for
YIQ(104.3100, 28.4260, 2.4580)
contains.

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Color

**YIQ(104.3100, 28.4260,
2.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	855F4D
RGB	133, 95, 77
RGB Percent	52%, 37%, 30%
CMY	0.4784, 0.6275, 0.6979
CMYK	0.00, 0.29, 0.42, 0.48
HSL	19°, 27%, 41%
HSV	19°, 42%, 52%
XYZ	15.1075, 13.7060, 8.8764
YIQ	104.3100, 28.4260, 2.4580

Conversions

Conversions Part 2

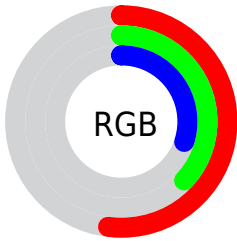
Format	Color
RYB	133, 104, 77
Decimal	8740685
CIELab	43.81, 13.05, 16.40
CIElCh	44, 20.957, 51.482
Yxy	13.7060, 0.4008, 0.3637
Android (android.graphics.Color)	4286930765 (0xFF855F4D)
YUV	104.3100, -13.4638, 25.1611
Hunter-Lab	37.0216, 8.0532, 11.6996

Details

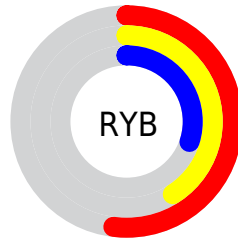
The YIQ color **104.3100, 28.4260, 2.4580** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105.6900, -28.4260, -2.4580**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.2780, 31.4520, 2.6840**, and **56.7440, 24.2080, 1.8080** is the 20% darker color. If you saturate the color by 10%, you get **97.5450, 35.0740, 3.1220**, and if you desaturate by 10%, it is **111.0750, 21.7780, 1.7940**.

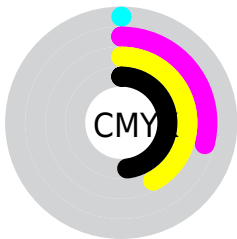
Distribution



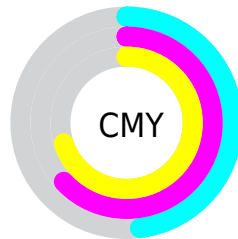
- Red (52%)
- Green (37%)
- Blue (30%)



- Red (52%)
- Yellow (41%)
- Blue (30%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (48%)





- Cyan (48%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.3100, 28.4260, 2.4580 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 104.3100, 28.4260, 2.4580 by changing the saturation by 10% instead.


 104.3100, 28.4260,
2.4580


 104.3100, 28.4260,
2.4580


255.0000, -0.0000,
-0.0000


 79.8260, 26.9130,
2.3450


 156.2780, 31.4520,
2.6840


 56.7440, 24.2080,
1.8080

 182.8760, 32.6440,
3.1080


 34.1460, 23.0160,
1.3840

 211.0610, 33.5610,
3.0090

 12.2260, 20.0350,
5.8510

 233.5650, 23.1540,
-1.1180

 0.0000, 0.0000,
0.0000

 252.7200, 6.4200,
-6.2200

■ 104.3100, 28.4260,
2.4580

■ 104.3100, 28.4260,
2.4580

■ 97.5450, 35.0740,
3.1220

■ 111.0750, 21.7780,
1.7940

■ 90.6660, 42.0430,
3.4750

■ 117.9540, 14.8090,
1.4410

■ 83.9010, 48.6910,
4.1390

■ 124.7190, 8.1610,
0.7770

■ 77.1360, 55.3390,
4.8030

■ 131.4840, 1.5130,
0.1130

■ 70.3710, 61.9870,
5.4670

■ 138.3630, -5.4560,
-0.2400

■ 65.0080, 67.4430,
5.7070

■ 145.1280,
-12.1040, -0.9040

■ 151.8930,
-18.7520, -1.5680

■ 158.6580,

-25.4000, -2.2320

■ 165.5370,
-32.3690, -2.5850

Harmonies

Analogous

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



105.1670, 27.6910, 10.2750



104.3100, 28.4260, 2.4580



103.0330, 21.5960, -5.9240

Triad

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



104.3100, 28.4260, 2.4580



96.3400, -24.9850, -15.2650



104.3920, -12.4270, 10.4610

Complementary

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



104.3100, 28.4260, 2.4580



105.6900, -28.4260, -2.4580

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.



100.3680, -30.2150, 2.4330



104.3100, 28.4260, 2.4580



94.2060, -39.1070, -12.6350

Square

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



104.3100, 28.4260, 2.4580



99.2080, -7.0580, -15.2660



95.5250, -41.2630, -6.5990



106.1940, 5.8660, 14.8420

Rectangle

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



104.3100, 28.4260, 2.4580



102.0920, 13.9400, -10.3480



95.5250, -41.2630, -6.5990



103.2880, -18.0660, 8.0300

Sweetspot

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



104.3100, 28.4260, 2.4580



161.6870, 11.1870, 1.0030



98.0760, 21.1780, 23.6900



79.5340, 7.2440, 0.8760



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



104.3100, 28.4260, 2.4580



127.7480, 44.7480, 4.0120



120.7460, 20.7260, -12.1860



62.9680, 3.0260, 0.2260



63.5240, 65.9300, 5.5940



1.4840, 1.5130, 0.1130

Inverse Universe

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



105.6900, -28.4260, -2.4580



130.2520, -44.7480, -4.0120



89.2540, -20.7260, 12.1860



63.0320, -3.0260, -0.2260



66.4760, -65.9300, -5.5940



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 104.3100, 28.4260, 2.4580 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 104.3100, 28.4260, 2.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

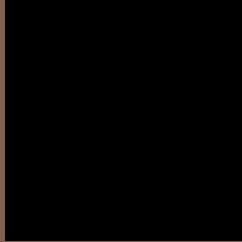
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.3100, 28.4260, 2.4580

Background



This preview shows how black text looks on a background with the YIQ color 104.3100, 28.4260, 2.4580.



This preview shows how white text looks on a background with the YIQ color 104.3100, 28.4260,

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

104.3100, 28.4260, 2.4580

Protanopia

103.4710, 11.5550, -5.6690

Deuteranopia

103.5540, 21.6870, -2.0650



Tritanopia

105.6550, 23.3810, 11.2930

Trichromacy



Original Color

104.3100, 28.4260, 2.4580

Protanomaly

103.9880, 17.4690, -2.7150

Deuteranomaly

104.1630, 24.3460, -0.6940

Tritanomaly

105.0310, 25.0780, 8.0700

Monochromacy



Original Color

104.3100, 28.4260, 2.4580

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.3880, 10.5910, 0.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3100, 28.4260, 2.4580 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(133, 95, 77)` looks like.

```
.text, #text, p{  
    color:rgb(133, 95, 77)  
}
```

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(133, 95, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 95, 77) }
```

Border

The CSS property to change the border of an element to YIQ 104.3100, 28.4260, 2.4580 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(133, 95, 77) }
```


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

```
.border{ border-color:rgb(133, 95, 77) }
```

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

Here you see how a box with a 4 pixel rgb(133, 95, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 95, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 95, 77);  
box-shadow:4px 4px 4px 4px rgb(133, 95,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3100, 28.4260, 2.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 95, 77) }
```

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

```
.background{ background-color: rgb(133, 95,  
77) }
```

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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