

Converting Colors

YIQ(101.8320, 9.5810, 8.0850)

Have a look what the booklet for
YIQ(101.8320, 9.5810, 8.0850)
contains.

YIQ(101.8320, 9.5810, 8.0850)	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(101.8320, 9.5810,
8.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	745E69
RGB	116, 94, 105
RGB Percent	45%, 37%, 41%
CMY	0.5450, 0.6314, 0.5882
CMYK	0.00, 0.19, 0.09, 0.55
HSL	330°, 10%, 41%
HSV	330°, 19%, 45%
XYZ	13.7565, 12.7379, 15.1002
YIQ	101.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

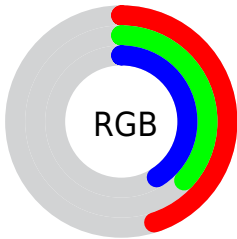
Format	Color
R_{YB}	116, 94, 105
Decimal	7626345
CIE _{Lab}	42.37, 10.94, -2.89
CIE _{LCh}	42, 11.319, 345.192
Yxy	12.7379, 0.3307, 0.3062
Android (android.graphics.Color)	4285816425 (0xFF745E69)
YUV	101.8320, 1.5618, 12.4253
Hunter-Lab	35.6902, 6.3438, -0.1020

Details

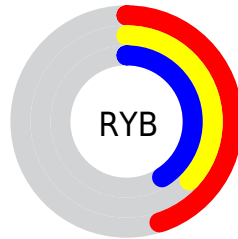
The YIQ color **101.8320, 9.5810, 8.0850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.1680, -9.5810, -8.0850**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.5440, 10.4520, 8.8200**, and **55.1200, 8.7100, 7.3500** is the 20% darker color. If you saturate the color by 10%, you get **94.1040, 14.8070, 12.4950**, and if you desaturate by 10%, it is **109.5600, 4.3550, 3.6750**.

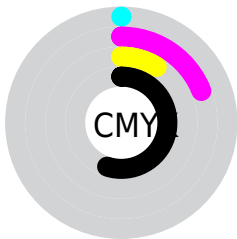
Distribution



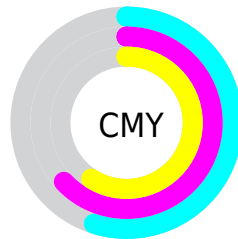
- Red (45%)
- Green (37%)
- Blue (41%)



- Red (45%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (55%)



- Cyan (55%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.8320, 9.5810, 8.0850 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 101.8320, 9.5810, 8.0850 by changing the saturation by 10% instead.

■ 101.8320, 9.5810,
8.0850

■ 101.8320, 9.5810,
8.0850

255.0000, -0.0000,
-0.0000

■ 77.5330, 8.9850,
7.8730

■ 152.5440, 10.4520,
8.8200

■ 55.1200, 8.7100,
7.3500

■ 179.8430, 11.0480,
9.0320

■ 33.4080, 7.8390,
6.6150

■ 207.2560, 11.3230,
9.5550

■ 9.4840, 10.6810,
10.1770

■ 235.2560, 11.3230,
9.5550

■ 0.0000, 0.0000,
0.0000

■ 101.8320, 9.5810,

■ 101.8320, 9.5810,

8.0850

■ 94.1040, 14.8070,
12.4950

■ 86.9630, 19.7580,
16.3820

■ 79.3490, 24.6630,
21.1030

■ 72.2080, 29.6140,
24.9900

■ 64.4800, 34.8400,
29.4000

■ 56.7520, 40.0660,
33.8100

■ 49.6110, 45.0170,
37.6970

■ 41.9970, 49.9220,
42.4180

8.0850

■ 109.5600, 4.3550,
3.6750

■ 116.7010, -0.5960,
-0.2120

■ 124.3150, -5.5010,
-4.9330

■ 131.4560,
-10.4520, -8.8200

■ 139.1840,
-15.6780, -13.2300

■ 146.9120,
-20.9040, -17.6400

■ 154.0530,
-25.8550, -21.5270

■ 161.6670,
-30.7600, -26.2480

■ 41.2960, 50.5180,
42.6300

■ 168.8080,
-35.7110, -30.1350

Harmonies

Analogous

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



101.2270, 1.0990, 7.6190



101.8320, 9.5810, 8.0850



101.8880, 15.1750, 5.8230

Triad

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



101.8320, 9.5810, 8.0850



99.1330, 6.6950, -5.6970



96.9530, -18.9810, -2.9250

Complementary

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



101.8320, 9.5810, 8.0850



108.1680, -9.5810, -8.0850

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.



96.3290, -17.2840, -6.1480



101.8320, 9.5810, 8.0850



97.8870, -1.4200, -7.3080

Square

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



101.8320, 9.5810, 8.0850



100.3620, 13.4800, -2.0080



96.9830, -10.4980, -7.9860



98.4420, -15.8640, 1.1600

Rectangle

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



101.8320, 9.5810, 8.0850



101.0190, 16.1840, 4.0560



96.9830, -10.4980, -7.9860



96.8990, -18.8890, -4.5930

Sweetspot

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



101.8320, 9.5810, 8.0850



144.2610, 3.7590, 3.4630



99.7970, -0.5060, 9.1740



73.1360, 2.6130, 2.2050



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



101.8320, 9.5810, 8.0850



128.1040, 14.8070, 12.4950



100.5780, 13.1120, 4.6640



55.1360, 2.6130, 2.2050



43.4320, 53.1310, 44.8350



89.0000, 108.8750, 91.8750

Inverse Universe

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



101.8320, 9.5810, 8.0850



128.1040, 14.8070, 12.4950



109.4220, -13.1120, -4.6640



55.1360, 2.6130, 2.2050



43.4320, 53.1310, 44.8350



89.0000, 108.8750, 91.8750

Previews

White Background



This preview shows how the YIQ color 101.8320, 9.5810, 8.0850 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 101.8320, 9.5810, 8.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

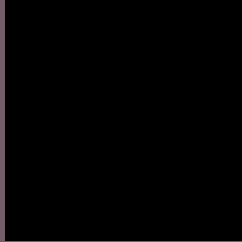
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.8320, 9.5810, 8.0850

Background



This preview shows how black text looks on a background with the YIQ color 101.8320, 9.5810, 8.0850.

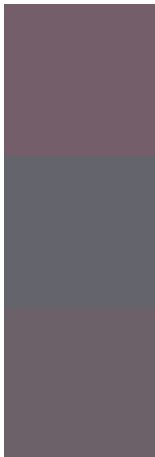


This preview shows how white text looks on a background with the YIQ color 101.8320, 9.5810,

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

101.8320, 9.5810, 8.0850

Protanopia

100.9120, -2.5680, 2.4880

Deuteranopia

101.0870, 4.3090, 4.5090



Tritanopia

102.0770, 10.2690, 6.6290

Trichromacy



Original Color

101.8320, 9.5810, 8.0850

Protanomaly

101.4180, 1.8790, 4.4950

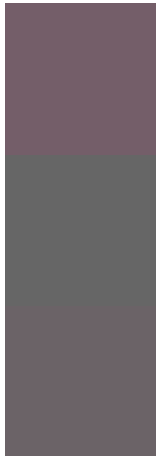
Deuteranomaly

101.3970, 6.3720, 5.6680

Tritanomaly

102.1910, 9.9480, 6.9400

Monochromacy



Original Color

101.8320, 9.5810, 8.0850

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

101.8480, 3.4840, 2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.8320, 9.5810, 8.0850 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(116, 94, 105)` looks like.

```
.text, #text, p{  
    color:rgb(116, 94, 105)  
}
```

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(116, 94, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 94, 105) }
```

Border

The CSS property to change the border of an element to YIQ 101.8320, 9.5810, 8.0850 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(116, 94, 105) }
```


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

```
.border{ border-color:rgb(116, 94, 105) }
```

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

Here you see how a box with a 4 pixel rgb(116, 94, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 94, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 94, 105);  
box-shadow:4px 4px 4px 4px rgb(116, 94,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 101.8320, 9.5810, 8.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 94, 105) }
```

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

```
.background{ background-color: rgb(116, 94,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor