

Converting Colors

YIQ(105.3480, 25.2630, -0.7930)

Have a look what the booklet for
YIQ(105.3480, 25.2630, -0.7930)
contains.

YIQ(105.3480, 25.2630, -0.7930)	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(105.3480, 25.2630,
-0.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	81634C
RGB	129, 99, 76
RGB Percent	51%, 39%, 30%
CMY	0.4941, 0.6118, 0.7018
CMYK	0.00, 0.23, 0.41, 0.49
HSL	26°, 26%, 40%
HSV	26°, 41%, 51%
XYZ	14.8217, 14.1118, 8.7856
YIQ	105.3480, 25.2630, -0.7930

Conversions

Conversions Part 2

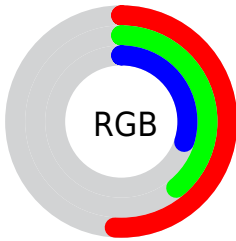
Format	Color
R_{YB}	129, 117, 76
Decimal	8479564
CIE Lab	44.39, 8.81, 17.70
CIE LCh	44, 19.774, 63.534
Yxy	14.1118, 0.3929, 0.3741
Android (android.graphics.Color)	4286669644 (0xFF81634C)
YUV	105.3480, -14.4686, 20.7428
Hunter-Lab	37.5656, 4.6880, 12.4296

Details

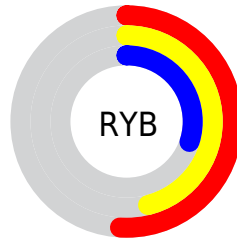
The YIQ color **105.3480, 25.2630, -0.7930** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **99.6520, -25.2630, 0.7930**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0170, 27.6930, -0.7790**, and **57.4940, 21.9160, -0.7080** is the 20% darker color. If you saturate the color by 10%, you get **99.7570, 31.3610, -1.1750**, and if you desaturate by 10%, it is **110.9390, 19.1650, -0.4110**.

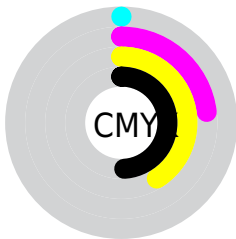
Distribution



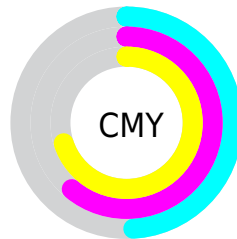
- Red (51%)
- Green (39%)
- Blue (30%)



- Red (51%)
- Yellow (46%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (49%)




- Cyan (49%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 105.3480, 25.2630, -0.7930 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 105.3480, 25.2630, -0.7930 by changing the saturation by 10% instead.


 105.3480, 25.2630,
-0.7930


 105.3480, 25.2630,
-0.7930


255.0000, -0.0000,
-0.0000


 80.8640, 23.7500,
-0.9060


 157.0170, 27.6930,
-0.7790


 57.4940, 21.9160,
-0.7080

 183.6150, 28.8850,
-0.3550


 35.3690, 20.7700,
-1.9660

 211.8000, 29.8020,
-0.4540

 14.2640, 16.8720,
2.6000

 235.7990, 22.3750,
-3.5210

 0.0000, 0.0000,
0.0000

 252.6060, 6.7410,
-6.5310

■ 105.3480, 25.2630,
-0.7930

■ 105.3480, 25.2630,
-0.7930

■ 99.7570, 31.3610,
-1.1750

■ 110.9390, 19.1650,
-0.4110

■ 93.5790, 37.7340,
-1.0340

■ 117.1170, 12.7920,
-0.5520

■ 87.9880, 43.8320,
-1.4160

■ 122.7080, 6.6940,
-0.1700

■ 82.3970, 49.9300,
-1.7980

■ 128.2990, 0.5960,
0.2120

■ 76.3330, 55.9820,
-1.3460

■ 134.4770, -5.7770,
0.0710

■ 71.4430, 61.4840,
-1.9400

■ 139.9540,
-11.5540, 0.1420

■ 145.5450,
-17.6520, 0.5240

■ 151.1360,

-23.7500, 0.9060

■ 157.3140,
-30.1230, 0.7650

Harmonies

Analogous

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



106.1730, 27.5540, 7.2500



105.3480, 25.2630, -0.7930



104.2280, 16.5530, -8.1430

Triad

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



105.3480, 25.2630, -0.7930



97.2410, -29.0200, -13.7240



106.6380, -4.3120, 12.0720

Complementary

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



105.3480, 25.2630, -0.7930



99.6520, -25.2630, 0.7930

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.



103.9670, -21.5960, 5.9240



105.3480, 25.2630, -0.7930



96.4990, -38.3740, -9.3980

Square

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



105.3480, 25.2630, -0.7930



99.9130, -13.4770, -14.5730



99.8680, -34.7990, -2.5990



107.7170, 11.6430, 14.7710

Rectangle

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



105.3480, 25.2630, -0.7930



102.7430, 7.6130, -11.3230



99.8680, -34.7990, -2.5990



106.0610, -9.9970, 10.4750

Sweetspot

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



105.3480, 25.2630, -0.7930



159.2630, 9.4450, -0.4670



95.2670, 21.9580, 20.5660



78.5230, 5.7770, -0.0710



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



105.3480, 25.2630, -0.7930



131.6500, 38.9720, -1.4440



120.6100, 18.1130, -14.3910



60.8540, 3.3470, -0.0850



70.5570, 61.1630, -1.6290



0.0000, 0.0000, 0.0000

Inverse Universe

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



99.6520, -25.2630, 0.7930



122.9370, -39.2470, 0.9210



84.3900, -18.1130, 14.3910



60.1460, -3.3470, 0.0850



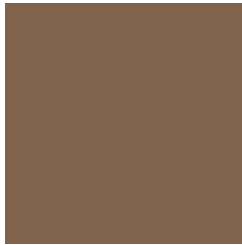
56.8560, -60.8880, 2.1520



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 105.3480, 25.2630, -0.7930 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 105.3480, 25.2630, -0.7930 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 105.3480, 25.2630, -0.7930

Background



This preview shows how black text looks on a background with the YIQ color 105.3480, 25.2630, -0.7930.



This preview shows how white text looks on a background with the YIQ color 105.3480, 25.2630, -0.7930.

-0.7930.

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

105.3480, 25.2630, -0.7930

Protanopia

104.4280, 13.1140, -6.3900

Deuteranopia

105.3260, 22.3290, -2.6870



Tritanopia

106.9750, 19.4840, 10.3320

Trichromacy



Original Color

105.3480, 25.2630, -0.7930

Protanomaly

104.9340, 17.5610, -4.3830

Deuteranomaly

105.0380, 23.2000, -1.9520

Tritanomaly

106.1230, 21.8230, 6.4870

Monochromacy



Original Color

105.3480, 25.2630, -0.7930

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.2630, 9.4450, -0.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.3480, 25.2630, -0.7930 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, 99, 76)` looks like.

```
.text, #text, p{  
    color:rgb(129, 99, 76)  
}
```

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, 99, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 99, 76) }
```

Border

The CSS property to change the border of an element to YIQ 105.3480, 25.2630, -0.7930 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, 99, 76) }
```


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

```
.border{ border-color:rgb(129, 99, 76) }
```

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

Here you see how a box with a 4 pixel rgb(129, 99, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 99, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 99, 76);  
box-shadow:4px 4px 4px 4px rgb(129, 99,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 105.3480, 25.2630, -0.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 99, 76) }
```

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

```
.background{ background-color: rgb(129, 99,  
76) }
```

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