

Converting Colors

YIQ(108.7660, 27.1420, 3.7020)

Have a look what the booklet for
YIQ(108.7660, 27.1420, 3.7020)
contains.

YIQ(108.7660, 27.1420, 3.7020)	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(108.7660, 27.1420,
3.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	896355
RGB	137, 99, 85
RGB Percent	54%, 39%, 33%
CMY	0.4627, 0.6118, 0.6665
CMYK	0.00, 0.28, 0.38, 0.46
HSL	16°, 23%, 44%
HSV	16°, 38%, 54%
XYZ	16.4212, 14.8971, 10.6106
YIQ	108.7660, 27.1420, 3.7020

Conversions

Conversions Part 2

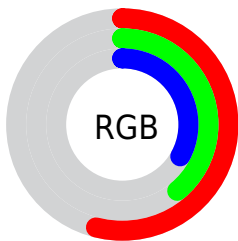
Format	Color
R_{YB}	137, 104, 85
Decimal	9003861
CIE _{Lab}	45.49, 13.42, 13.99
CIE _{LCh}	45, 19.385, 46.179
Yxy	14.8971, 0.3916, 0.3553
Android (android.graphics.Color)	4287193941 (0xFF896355)
YUV	108.7660, -11.7166, 24.7612
Hunter-Lab	38.5968, 8.3991, 10.7185

Details

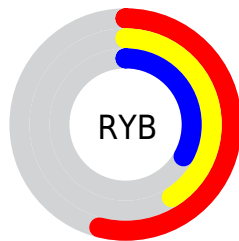
The YIQ color **108.7660, 27.1420, 3.7020** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113.2340, -27.1420, -3.7020**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8480, 29.8470, 4.2390**, and **60.4990, 23.5200, 3.2640** is the 20% darker color. If you saturate the color by 10%, you get **101.3000, 34.3860, 4.5780**, and if you desaturate by 10%, it is **116.2320, 19.8980, 2.8260**.

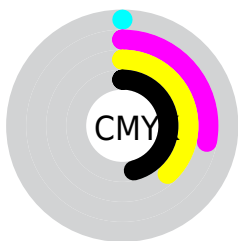
Distribution



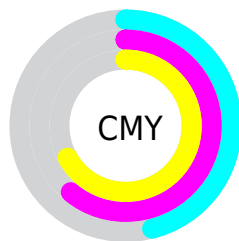
- Red (54%)
- Green (39%)
- Blue (33%)



- Red (54%)
- Yellow (41%)
- Blue (33%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (46%)



- Cyan (46%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.7660, 27.1420, 3.7020 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 108.7660, 27.1420, 3.7020 by changing the saturation by 10% instead.

■ 108.7660, 27.1420,
3.7020

■ 108.7660, 27.1420,
3.7020

■ 255.0000, -0.0000,
-0.0000

■ 84.2820, 25.6290,
3.5890

■ 160.8480, 29.8470,
4.2390

■ 60.4990, 23.5200,
3.2640

■ 188.0330, 30.7640,
4.1400

■ 38.6020, 21.7320,
2.6280

■ 215.6310, 31.9560,
4.5640

■ 16.9440, 20.7690,
3.5610

■ 237.0530, 18.8440,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 253.7460, 3.5310,
-3.4210

■ 108.7660, 27.1420,
3.7020

■ 108.7660, 27.1420,
3.7020

■ 101.3000, 34.3860,
4.5780

■ 116.2320, 19.8980,
2.8260

■ 93.9480, 41.3090,
5.7650

■ 123.5840, 12.9750,
1.6390

■ 86.4820, 48.5530,
6.6410

■ 131.0500, 5.7310,
0.7630

■ 79.0160, 55.7970,
7.5170

■ 138.5160, -1.5130,
-0.1130

■ 71.6640, 62.7200,
8.7040

■ 145.9820, -8.7570,
-0.9890

■ 64.1980, 69.9640,
9.5800

■ 153.3340,
-15.6800, -2.1760

■ 62.6820, 71.4770,
9.6930

■ 160.8000,
-22.9240, -3.0520

■ 168.2660,

-30.1680, -3.9280

■ 175.6180,
-37.0910, -5.1150

Harmonies

Analogous

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



109.7970, 25.8570, 10.4730



108.7660, 27.1420, 3.7020



107.5000, 21.7790, -3.7330

Triad

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



108.7660, 27.1420, 3.7020



101.5040, -19.5750, -14.1910



107.9680, -14.1690, 8.9910

Complementary

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



108.7660, 27.1420, 3.7020



113.2340, -27.1420, -3.7020

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.



104.0260, -29.2520, 1.5000



108.7660, 27.1420, 3.7020



99.8430, -33.6510, -12.3950

Square

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



108.7660, 27.1420, 3.7020



104.1160, -3.8030, -13.6830



100.5640, -36.9990, -6.7830



110.2860, 2.6110, 13.2590

Rectangle

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



108.7660, 27.1420, 3.7020



106.6300, 15.3610, -8.5670



100.5640, -36.9990, -6.7830



106.8640, -19.8080, 6.5600

Sweetspot

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



108.7660, 27.1420, 3.7020



167.9150, 10.5450, 1.6250



104.8800, 18.7940, 22.8420



83.0500, 5.7310, 0.7630



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.



108.7660, 27.1420, 3.7020



133.7310, 43.4180, 6.0900



124.0280, 19.9920, -9.8960



65.2670, 3.6220, 0.4380



60.8990, 69.3680, 9.3680



2.0820, 2.7050, 0.5370

Inverse Universe

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



113.2340, -27.1420, -3.7020



140.6820, -43.1430, -5.5670



97.9720, -19.9920, 9.8960



65.7330, -3.6220, -0.4380



72.1010, -69.3680, -9.3680



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 108.7660, 27.1420, 3.7020 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 108.7660, 27.1420, 3.7020 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 108.7660, 27.1420, 3.7020

Background



This preview shows how black text looks on a background with the YIQ color 108.7660, 27.1420, 3.7020.



This preview shows how white text looks on a background with the YIQ color 108.7660, 27.1420,

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

108.7660, 27.1420, 3.7020

Protanopia

107.6280, 9.6750, -4.6370

Deuteranopia

108.2980, 19.5320, -1.5560



Tritanopia

109.7690, 23.0600, 11.6040

Trichromacy



Original Color

108.7660, 27.1420, 3.7020

Protanomaly

108.1450, 15.5890, -1.6830

Deuteranomaly

108.3200, 22.4660, 0.3380

Tritanomaly

109.2590, 24.4360, 8.6920

Monochromacy



Original Color

108.7660, 27.1420, 3.7020

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.6160, 9.9490, 1.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.7660, 27.1420, 3.7020 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(137, 99, 85)` looks like.

```
.text, #text, p{  
    color:rgb(137, 99, 85)  
}
```

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(137, 99, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 99, 85) }
```

Border

The CSS property to change the border of an element to YIQ 108.7660, 27.1420, 3.7020 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(137, 99, 85) }
```


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

```
.border{ border-color:rgb(137, 99, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 99, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 99, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 99, 85);  
box-shadow:4px 4px 4px 4px rgb(137, 99,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 108.7660, 27.1420, 3.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 99, 85) }
```

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

```
.background{ background-color: rgb(137, 99,  
85) }
```

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