

Converting Colors

YIQ(109.7720, 9.8100, 9.4420)

Have a look what the booklet for
YIQ(109.7720, 9.8100, 9.4420)
contains.

YIQ(109.7720, 9.8100, 9.4420)	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(109.7720, 9.8100,
9.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6573
RGB	125, 101, 115
RGB Percent	49%, 40%, 45%
CMY	0.5097, 0.6039, 0.5490
CMYK	0.00, 0.19, 0.08, 0.51
HSL	325°, 11%, 44%
HSV	325°, 19%, 49%
XYZ	16.2075, 14.9046, 18.2445
YIQ	109.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

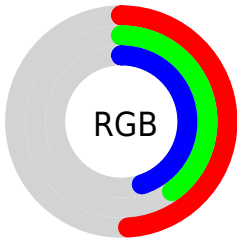
Format	Color
R_{YB}	125, 101, 115
Decimal	8217971
CIE Lab	45.50, 12.17, -4.22
CIE LCh	46, 12.877, 340.867
Yxy	14.9046, 0.3284, 0.3020
Android (android.graphics.Color)	4286408051 (0xFF7D6573)
YUV	109.7720, 2.5774, 13.3550
Hunter-Lab	38.6065, 7.3753, -0.9944

Details

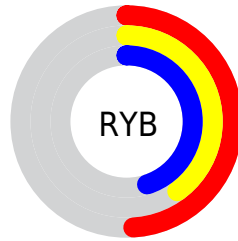
The YIQ color **109.7720, 9.8100, 9.4420** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.2280, -9.8100, -9.4420**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4840, 10.6810, 10.1770**, and **62.0600, 8.9390, 8.7070** is the 20% darker color. If you saturate the color by 10%, you get **101.5710, 14.9900, 14.6860**, and if you desaturate by 10%, it is **117.3860, 4.9050, 4.7210**.

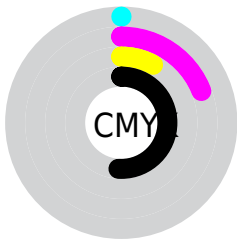
Distribution



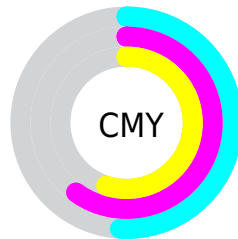
- Red (49%)
- Green (40%)
- Blue (45%)



- Red (49%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.7720, 9.8100, 9.4420 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 109.7720, 9.8100, 9.4420 by changing the saturation by 10% instead.

■ 109.7720, 9.8100,
9.4420

■ 109.7720, 9.8100,
9.4420

■ 255.0000, -0.0000,
-0.0000

■ 85.3590, 9.5350,
8.9190

■ 161.4840, 10.6810,
10.1770

■ 62.0600, 8.9390,
8.7070

■ 188.4840, 10.6810,
10.1770

■ 40.3480, 8.0680,
7.9720

■ 216.1960, 11.5520,
10.9120

■ 18.7610, 8.3430,
8.4950

■ 242.8040, 6.7840,
9.2160

■ 0.0000, 0.0000,
0.0000

■ 109.7720, 9.8100,

■ 109.7720, 9.8100,

9.4420

9.4420

■ 101.5710, 14.9900,
14.6860

■ 117.3860, 4.9050,
4.7210

■ 93.9570, 19.8950,
19.4070

■ 125.5870, -0.2750,
-0.5230

■ 85.6420, 25.3960,
24.3400

■ 133.3150, -5.5010,
-4.9330

■ 78.0280, 30.3010,
29.0610

■ 141.5160,
-10.6810, -10.1770

■ 69.8270, 35.4810,
34.3050

■ 149.7170,
-15.8610, -15.4210

■ 62.2130, 40.3860,
39.0260

■ 157.3310,
-20.7660, -20.1420

■ 54.0120, 45.5660,
44.2700

■ 165.5320,
-25.9460, -25.3860

■ 46.2840, 50.7920,
48.6800

■ 173.2600,
-31.1720, -29.7960

■ 45.6970, 51.0670,
49.2030

■ 181.4610,
-36.3520, -35.0400

Harmonies

Analogous

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



109.2700, -0.4600, 8.3400



109.7720, 9.8100, 9.4420



109.4260, 16.5960, 7.6040

Triad

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



109.7720, 9.8100, 9.4420



106.8020, 9.1250, -5.6830



104.0450, -22.2360, -4.5080

Complementary

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



109.7720, 9.8100, 9.4420



116.2280, -9.8100, -9.4420

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.



103.4920, -19.3010, -8.1410



109.7720, 9.8100, 9.4420



105.4310, -0.1360, -8.5520

Square

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



109.7720, 9.8100, 9.4420



108.1450, 15.5890, -1.6830



104.0430, -10.7270, -9.3430



105.7620, -19.7610, 0.1990

Rectangle

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



109.7720, 9.8100, 9.4420



109.2150, 18.5680, 4.9040



104.0430, -10.7270, -9.3430



103.9910, -22.1440, -6.1760

Sweetspot

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



109.7720, 9.8100, 9.4420



156.6740, 4.0340, 3.9860



106.7260, -1.7440, 9.5840



78.1360, 2.6130, 2.2050



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.



109.7720, 9.8100, 9.4420



139.5710, 14.9900, 14.6860



108.4040, 13.6620, 5.7100



59.5490, 2.8880, 2.7280



46.7080, 52.5340, 50.1500



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.7720, 9.8100, 9.4420



139.5710, 14.9900, 14.6860



117.5960, -13.6620, -5.7100



59.5490, 2.8880, 2.7280



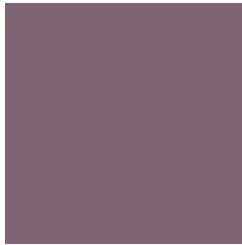
46.7080, 52.5340, 50.1500



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 109.7720, 9.8100, 9.4420 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 109.7720, 9.8100, 9.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

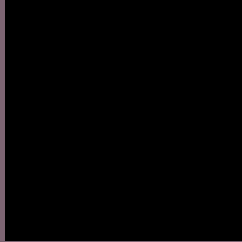
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.7720, 9.8100, 9.4420

Background



This preview shows how black text looks on a background with the YIQ color 109.7720, 9.8100, 9.4420.



This preview shows how white text looks on a background with the YIQ color 109.7720, 9.8100,

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

109.7720, 9.8100, 9.4420

Protanopia

108.3680, -3.8520, 3.7320

Deuteranopia

109.0160, 3.0710, 4.9190



Tritanopia

109.4900, 10.5440, 7.1520

Trichromacy



Original Color

109.7720, 9.8100, 9.4420

Protanomaly

109.1730, 1.1910, 5.9510

Deuteranomaly

109.6250, 5.7300, 6.2900

Tritanomaly

109.7180, 9.9020, 7.7740

Monochromacy



Original Color

109.7720, 9.8100, 9.4420

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.7720, 9.8100, 9.4420 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, 101, 115)` looks like.

```
.text, #text, p{  
    color:rgb(125, 101, 115)  
}
```

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, 101, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 101, 115) }
```

Border

The CSS property to change the border of an element to YIQ 109.7720, 9.8100, 9.4420 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, 101, 115) }
```


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

```
.border{ border-color:rgb(125, 101, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 101, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 101, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 101, 115);  
box-shadow:4px 4px 4px 4px rgb(125, 101,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 109.7720, 9.8100, 9.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 101, 115) }
```

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

```
.background{ background-color: rgb(125,  
101, 115) }
```

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