

Converting Colors

YIQ(107.0710, 10.4060, 9.6540)

Have a look what the booklet for
YIQ(107.0710, 10.4060, 9.6540)
contains.

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Color

**YIQ(107.0710, 10.4060,
9.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6270
RGB	123, 98, 112
RGB Percent	48%, 38%, 44%
CMY	0.5176, 0.6157, 0.5608
CMYK	0.00, 0.20, 0.09, 0.52
HSL	326°, 11%, 43%
HSV	326°, 20%, 48%
XYZ	15.4626, 14.1157, 17.2411
YIQ	107.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

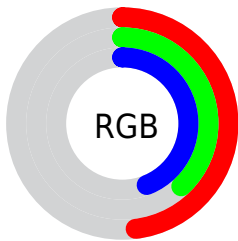
Format	Color
R_{YB}	123, 98, 112
Decimal	8086128
CIE _{Lab}	44.40, 12.61, -4.07
CIE _{LCh}	44, 13.253, 342.133
Yxy	14.1157, 0.3303, 0.3015
Android (android.graphics.Color)	4286276208 (0xFF7B6270)
YUV	107.0710, 2.4300, 13.9697
Hunter-Lab	37.5708, 7.7144, -0.9084

Details

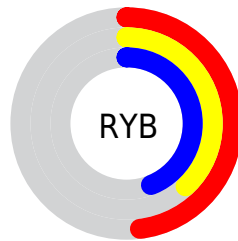
The YIQ color **107.0710, 10.4060, 9.6540** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.9290, -10.4060, -9.6540**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7830, 11.2770, 10.3890**, and **59.3590, 9.5350, 8.9190** is the 20% darker color. If you saturate the color by 10%, you get **99.4570, 15.3110, 14.3750**, and if you desaturate by 10%, it is **114.6850, 5.5010, 4.9330**.

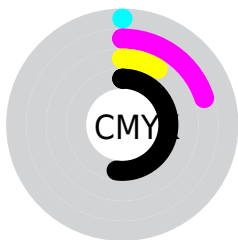
Distribution



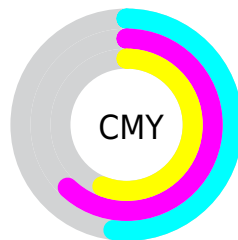
- Red (48%)
- Green (38%)
- Blue (44%)



- Red (48%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.0710, 10.4060, 9.6540 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 107.0710, 10.4060, 9.6540 by changing the saturation by 10% instead.

■ 107.0710, 10.4060,
9.6540

■ 107.0710, 10.4060,
9.6540

255.0000, -0.0000,
-0.0000

■ 82.7720, 9.8100,
9.4420

■ 158.7830, 11.2770,
10.3890

■ 59.3590, 9.5350,
8.9190

■ 185.1960, 11.5520,
10.9120

■ 37.6470, 8.6640,
8.1840

■ 213.1960, 11.5520,
10.9120

■ 15.8860, 9.4890,
9.7530

■ 240.0000, 9.1680,
10.0640

■ 0.0000, 0.0000,
0.0000

■ 107.0710, 10.4060,

■ 107.0710, 10.4060,

9.6540

9.6540

■ 99.4570, 15.3110,
14.3750

■ 114.6850, 5.5010,
4.9330

■ 91.1420, 20.8120,
19.3080

■ 123.0000, -0.0000,
-0.0000

■ 83.5280, 25.7170,
24.0290

■ 130.6140, -4.9050,
-4.7210

■ 75.8000, 30.9430,
28.4390

■ 138.3420,
-10.1310, -9.1310

■ 67.5990, 36.1230,
33.6830

■ 146.5430,
-15.3110, -14.3750

■ 59.9850, 41.0280,
38.4040


■ 154.1570,
-20.2160, -19.0960

■ 52.2570, 46.2540,
42.8140

■ 161.8850,
-25.4420, -23.5060

■ 44.6430, 51.1590,
47.5350

■ 169.4990,
-30.3470, -28.2270

 177.8140,
-35.8480, -33.1600

Harmonies

Analogous

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



106.5690, 0.1360, 8.5520



107.0710, 10.4060, 9.6540



106.7250, 17.1920, 7.8160

Triad

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



107.0710, 10.4060, 9.6540



104.2750, 9.1710, -6.5170



100.8600, -23.1530, -4.4090

Complementary

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



107.0710, 10.4060, 9.6540



113.9290, -10.4060, -9.6540

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.



100.3070, -20.2180, -8.0420



107.0710, 10.4060, 9.6540



102.7190, -1.0070, -9.2870

Square

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



107.0710, 10.4060, 9.6540



105.3300, 16.5060, -1.7820



101.4450, -11.9190, -9.7670



103.1750, -19.4860, 0.7220

Rectangle

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



107.0710, 10.4060, 9.6540



106.5140, 19.1640, 5.1160



101.4450, -11.9190, -9.7670



100.8060, -23.0610, -6.0770

Sweetspot

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



107.0710, 10.4060, 9.6540



154.5600, 4.3550, 3.6750



104.1390, -1.4690, 10.1070



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.



107.0710, 10.4060, 9.6540



136.1690, 16.1820, 15.1100



105.7030, 14.2580, 5.9220



57.2500, 2.2920, 2.5160



45.3550, 52.0300, 48.2700



91.4220, 104.9310, 97.2750

Inverse Universe

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



107.0710, 10.4060, 9.6540



136.1690, 16.1820, 15.1100



115.2970, -14.2580, -5.9220



57.2500, 2.2920, 2.5160



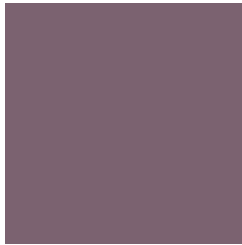
45.3550, 52.0300, 48.2700



91.4220, 104.9310, 97.2750

Previews

White Background



This preview shows how the YIQ color 107.0710, 10.4060, 9.6540 looks on a white background.

Color Contrast Check

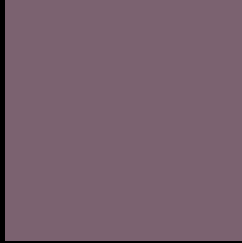
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0710, 10.4060, 9.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

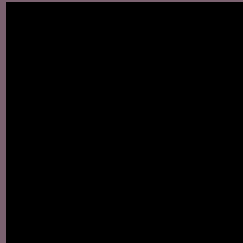
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.0710, 10.4060, 9.6540

Background



This preview shows how black text looks on a background with the YIQ color 107.0710, 10.4060, 9.6540.



This preview shows how white text looks on a background with the YIQ color 107.0710, 10.4060,

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

107.0710, 10.4060, 9.6540

Protanopia

105.3680, -3.8520, 3.7320

Deuteranopia

106.3150, 3.6670, 5.1310



Tritanopia

106.7890, 11.1400, 7.3640

Trichromacy



Original Color

107.0710, 10.4060, 9.6540

Protanomaly

106.1730, 1.1910, 5.9510

Deuteranomaly

106.9240, 6.3260, 6.5020

Tritanomaly

107.0170, 10.4980, 7.9860

Monochromacy



Original Color

107.0710, 10.4060, 9.6540

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.2610, 3.7590, 3.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.0710, 10.4060, 9.6540 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(123, 98, 112)` looks like.

```
.text, #text, p{  
    color:rgb(123, 98, 112)  
}
```

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(123, 98, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 98, 112) }
```

Border

The CSS property to change the border of an element to YIQ 107.0710, 10.4060, 9.6540 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(123, 98, 112) }
```


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

```
.border{ border-color:rgb(123, 98, 112) }
```

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

Here you see how a box with a 4 pixel rgb(123, 98, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 98, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 98, 112);  
box-shadow:4px 4px 4px 4px rgb(123, 98,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 107.0710, 10.4060, 9.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 98, 112) }
```

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

```
.background{ background-color: rgb(123, 98,  
112) }
```

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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