

Converting Colors

YIQ(103.9110, 7.2000, -9.3440)

Have a look what the booklet for
YIQ(103.9110, 7.2000, -9.3440)
contains.

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Color

**YIQ(103.9110, 7.2000,
-9.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	696C50
RGB	105, 108, 80
RGB Percent	41%, 42%, 31%
CMY	0.5883, 0.5765, 0.6862
CMYK	0.03, 0.00, 0.26, 0.58
HSL	66°, 15%, 37%
HSV	66°, 26%, 42%
XYZ	12.6361, 14.3076, 9.6876
YIQ	103.9110, 7.2000, -9.3440

Conversions

Conversions Part 2

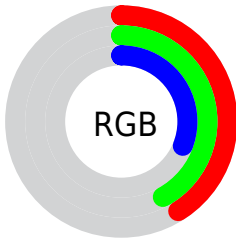
Format	Color
RYB	80, 108, 83
Decimal	6909008
CIELab	44.67, -6.32, 15.32
CIELCh	45, 16.573, 112.431
Yxy	14.3076, 0.3450, 0.3906
Android (android.graphics.Color)	4285099088 (0xFF696C50)
YUV	103.9110, -11.7881, 0.9551
Hunter-Lab	37.8254, -6.5642, 11.2929

Details

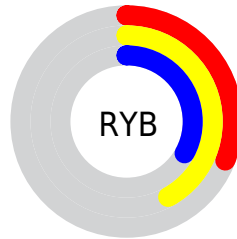
The YIQ color **103.9110, 7.2000, -9.3440** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **84.0890, -7.2000, 9.3440**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.9820, 8.4380, -9.7540**, and **56.8400, 5.9620, -8.9340** is the 20% darker color. If you saturate the color by 10%, you get **102.3580, 10.1350, -12.9770**, and if you desaturate by 10%, it is **105.4640, 4.2650, -5.7110**.

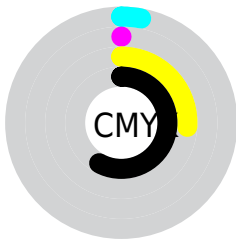
Distribution



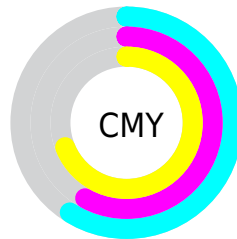
- Red (41%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (33%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.9110, 7.2000, -9.3440 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 103.9110, 7.2000, -9.3440 by changing the saturation by 10% instead.

■ 103.9110, 7.2000,
-9.3440

■ 103.9110, 7.2000,
-9.3440

■ 255.0000, -0.0000,
-0.0000

■ 80.0250, 6.8790,
-9.0330

■ 154.6830, 7.8420,
-9.9660

■ 56.8400, 5.9620,
-8.9340

■ 181.5690, 8.1630,
-10.2770

■ 35.2530, 6.2370,
-8.4110

■ 209.4550, 8.4840,
-10.5880

■ 14.1430, 0.7350,
-7.8170

■ 237.7540, 9.0800,
-10.3760

■ 0.0000, 0.0000,
0.0000

■ 253.0620, 5.4570,
-5.2870

■ 103.9110, 7.2000,
-9.3440

■ 103.9110, 7.2000,
-9.3440

■ 102.3580, 10.1350,
-12.9770

■ 105.4640, 4.2650,
-5.7110

■ 100.8050, 13.0700,
-16.6100

■ 107.0170, 1.3300,
-2.0780

■ 99.3660, 15.6840,
-19.9320

■ 108.4560, -1.2840,
1.2440

■ 97.5140, 18.0230,
-23.7770

■ 110.3080, -3.6230,
5.0890

■ 95.9610, 20.9580,
-27.4100

■ 111.8610, -6.5580,
8.7220

■ 94.4080, 23.8930,
-31.0430

■ 113.4140, -9.4930,
12.3550

■ 92.8550, 26.8280,
-34.6760

■ 114.9670,
-12.4280, 15.9880

■ 92.1000, 27.5160,

■ 116.4060,

-36.1320

-15.0420, 19.3100

■ 117.9590,
-17.9770, 22.9430

Harmonies

Analogous

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



105.6350, 16.9650, -4.5950



103.9110, 7.2000, -9.3440



101.8000, -5.7290, -11.8170

Triad

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



103.9110, 7.2000, -9.3440



101.1520, -29.8470, -4.2390



108.0610, 16.3660, 11.7740

Complementary

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



103.9110, 7.2000, -9.3440



84.0890, -7.2000, 9.3440

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.



108.0150, 4.8120, 11.9160



103.9110, 7.2000, -9.3440



103.6740, -22.3290, 2.6870

Square

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



103.9110, 7.2000, -9.3440



99.2890, -28.9750, -9.0310



106.1920, -8.9880, 8.7080



107.3620, 22.6480, 8.0560

Rectangle

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



103.9110, 7.2000, -9.3440



101.0100, -15.1280, -12.1840



106.1920, -8.9880, 8.7080



108.2070, 13.0190, 11.8590

Sweetspot

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



103.9110, 7.2000, -9.3440



138.4470, 2.9350, -3.6330



90.1330, 15.8630, 4.3670



70.2020, 2.2470, -2.1770



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



103.9110, 7.2000, -9.3440



133.9020, 11.4190, -14.2210



99.7250, -1.1440, -12.3120



53.0170, 1.3300, -2.0780



100.0740, 30.4050, -38.9310



208.9970, 62.5530, -81.9190

Inverse Universe

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



84.0890, -7.2000, 9.3440



103.0980, -11.4190, 14.2210



88.2750, 1.1440, 12.3120



48.9830, -1.3300, 2.0780



17.2250, -29.8090, 39.1430



35.7040, -63.1490, 81.7070

Previews

White Background



This preview shows how the YIQ color 103.9110, 7.2000, -9.3440 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 103.9110, 7.2000, -9.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

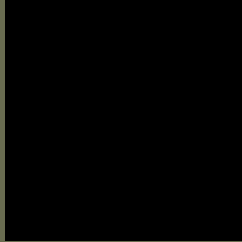
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.9110, 7.2000, -9.3440

Background



This preview shows how black text looks on a background with the YIQ color 103.9110, 7.2000, -9.3440.



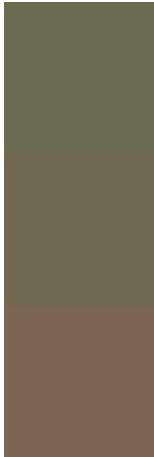
This preview shows how white text looks on a background with the YIQ color 103.9110, 7.2000, -9.3440.

-9.3440.

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

103.9110, 7.2000, -9.3440

Protanopia

104.4280, 13.1140, -6.3900

Deuteranopia

105.5970, 20.1280, -1.3440



Tritanopia

106.4070, 0.4120, 3.5480

Trichromacy



Original Color

103.9110, 7.2000, -9.3440

Protanomaly

104.1180, 11.0510, -7.5490

Deuteranomaly

105.2650, 15.1310, -4.3970

Tritanomaly

105.3270, 3.3930, -0.9190

Monochromacy



Original Color

103.9110, 7.2000, -9.3440

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.5610, 2.6140, -3.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.9110, 7.2000, -9.3440 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(105, 108, 80)` looks like.

```
.text, #text, p{  
    color:rgb(105, 108, 80)  
}
```

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(105, 108, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 108, 80) }
```

Border

The CSS property to change the border of an element to YIQ 103.9110, 7.2000, -9.3440 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(105, 108, 80) }
```


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

```
.border{ border-color:rgb(105, 108, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 108, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 108, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 108, 80);  
box-shadow:4px 4px 4px 4px rgb(105, 108,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 103.9110, 7.2000, -9.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 108, 80) }
```

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

```
.background{ background-color: rgb(105,  
108, 80) }
```

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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