

Converting Colors

YIQ(104.7950, 11.0030, 4.3390)

Have a look what the booklet for
YIQ(104.7950, 11.0030, 4.3390)
contains.

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Color

**YIQ(104.7950, 11.0030,
4.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	766364
RGB	118, 99, 100
RGB Percent	46%, 39%, 39%
CMY	0.5372, 0.6118, 0.6078
CMYK	0.00, 0.16, 0.15, 0.54
HSL	357°, 9%, 43%
HSV	357°, 16%, 46%
XYZ	14.2347, 13.6948, 13.9525
YIQ	104.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

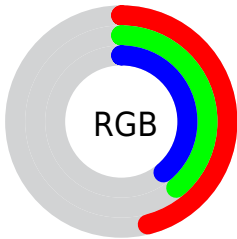
Format	Color
R_{YB}	118, 99, 100
Decimal	7758692
CIE Lab	43.79, 7.80, 2.26
CIE LCh	44, 8.121, 16.149
Yxy	13.6948, 0.3399, 0.3270
Android (android.graphics.Color)	4285948772 (0xFF766364)
YUV	104.7950, -2.3639, 11.5808
Hunter-Lab	37.0066, 3.8990, 3.5506

Details

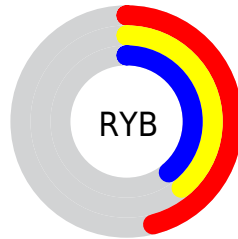
The YIQ color **104.7950, 11.0030, 4.3390** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.2050, -11.0030, -4.3390**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0940, 11.5990, 4.5510**, and **57.1970, 9.8110, 3.9150** is the 20% darker color. If you saturate the color by 10%, you get **96.4970, 17.8340, 7.1940**, and if you desaturate by 10%, it is **113.0930, 4.1720, 1.4840**.

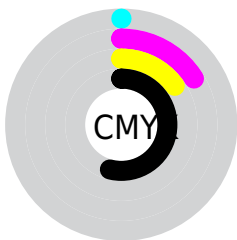
Distribution



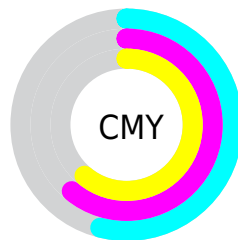
- Red (46%)
- Green (39%)
- Blue (39%)



- Red (46%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.7950, 11.0030, 4.3390 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 104.7950, 11.0030, 4.3390 by changing the saturation by 10% instead.

■ 104.7950, 11.0030,
4.3390

■ 104.7950, 11.0030,
4.3390

255.0000, -0.0000,
-0.0000

■ 80.4960, 10.4070,
4.1270

■ 156.0940, 11.5990,
4.5510

■ 57.1970, 9.8110,
3.9150

■ 182.6920, 12.7910,
4.9750

■ 35.8980, 9.2150,
3.7030

■ 210.6920, 12.7910,
4.9750

■ 13.7950, 11.0030,
4.3390

■ 238.6920, 12.7910,
4.9750

■ 0.0000, 0.0000,
0.0000

■ 104.7950, 11.0030,

■ 104.7950, 11.0030,

4.3390

4.3390

■ 96.4970, 17.8340,
7.1940

■ 113.0930, 4.1720,
1.4840

■ 88.1990, 24.6650,
10.0490

■ 121.3910, -2.6590,
-1.3710

■ 80.4880, 31.2210,
12.3810

■ 129.2160, -9.5360,
-3.3920

■ 72.0760, 38.3730,
14.9250

■ 137.5140,
-16.3670, -6.2470

■ 63.7780, 45.2040,
17.7800

■ 145.8120,
-23.1980, -9.1020

■ 55.4800, 52.0350,
20.6350

■ 154.1100,
-30.0290, -11.9570

■ 47.1820, 58.8660,
23.4900

■ 162.4080,
-36.8600, -14.8120

■ 39.4710, 65.4220,
25.8220

■ 170.1190,
-43.4160, -17.1440

■ 35.9660, 68.4020,
26.8820

■ 178.5310,
-50.5680, -19.6880

Harmonies

Analogous

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



104.6960, 6.9680, 5.8800



104.7950, 11.0030, 4.3390



104.3990, 12.0580, 1.7380

Triad

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



104.7950, 11.0030, 4.3390



101.9410, -1.5120, -5.6400



102.6660, -10.6830, 0.8770

Complementary

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



104.7950, 11.0030, 4.3390



112.2050, -11.0030, -4.3390

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.



102.0030, -13.2500, -2.1620



104.7950, 11.0030, 4.3390



101.4180, -7.2890, -5.5690

Square

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



104.7950, 11.0030, 4.3390



102.8170, 4.7690, -3.8310



101.0200, -11.9200, -4.2400



103.8840, -5.3650, 3.6190

Rectangle

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



104.7950, 11.0030, 4.3390



103.7470, 10.9580, -0.3540



101.0200, -11.9200, -4.2400



102.6550, -12.1500, -0.0700

Sweetspot

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



104.7950, 11.0030, 4.3390



147.5060, 4.4470, 2.0070



106.5480, 4.6290, 9.7250



73.4950, 2.9800, 1.0600



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



104.7950, 11.0030, 4.3390



132.7850, 16.9630, 6.4590



109.3770, 9.1240, -0.1560



54.7940, 3.5760, 1.2720



37.2760, 70.4650, 28.0410



76.2320, 144.8270, 57.0430

Inverse Universe

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



104.7950, 11.0030, 4.3390



132.7850, 16.9630, 6.4590



107.6230, -9.1240, 0.1560



54.7940, 3.5760, 1.2720



37.2760, 70.4650, 28.0410



76.2320, 144.8270, 57.0430

Previews

White Background



This preview shows how the YIQ color 104.7950, 11.0030, 4.3390 looks on a white background.

Color Contrast Check

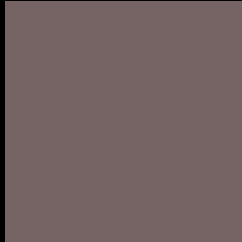
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.7950, 11.0030, 4.3390 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 104.7950, 11.0030, 4.3390

Background



This preview shows how black text looks on a background with the YIQ color 104.7950, 11.0030, 4.3390.



This preview shows how white text looks on a background with the YIQ color 104.7950, 11.0030,

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

104.7950, 11.0030, 4.3390

Protanopia

103.7830, 2.1090, 0.3250

Deuteranopia

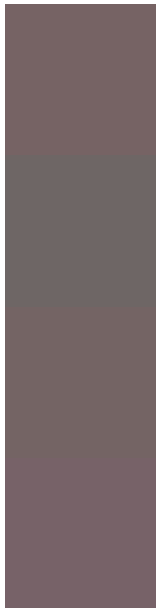
104.4850, 8.9400, 3.1800



Tritanopia

105.1910, 9.9480, 6.9400

Trichromacy



Original Color

104.7950, 11.0030, 4.3390

Protanomaly

104.2780, 5.0890, 1.3850

Deuteranomaly

104.7840, 9.5360, 3.3920

Tritanomaly

104.9630, 10.5900, 6.3180

Monochromacy



Original Color

104.7950, 11.0030, 4.3390

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0930, 4.1720, 1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.7950, 11.0030, 4.3390 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(118, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(118, 99, 100)  
}
```

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(118, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 99, 100) }
```

Border

The CSS property to change the border of an element to YIQ 104.7950, 11.0030, 4.3390 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(118, 99, 100) }
```


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

```
.border{ border-color:rgb(118, 99, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 99, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 99, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 99, 100);  
box-shadow:4px 4px 4px 4px rgb(118, 99,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 104.7950, 11.0030, 4.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 99, 100) }
```

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

```
.background{ background-color: rgb(118, 99,  
100) }
```

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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