

Converting Colors

YIQ(111.2510, 9.7190, 5.5830)

Have a look what the booklet for
YIQ(111.2510, 9.7190, 5.5830)
contains.

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Color

**YIQ(111.2510, 9.7190,
5.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	7C696E
RGB	124, 105, 110
RGB Percent	49%, 41%, 43%
CMY	0.5137, 0.5883, 0.5686
CMYK	0.00, 0.15, 0.11, 0.51
HSL	344°, 8%, 45%
HSV	344°, 15%, 49%
XYZ	16.1797, 15.5135, 16.8960
YIQ	111.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

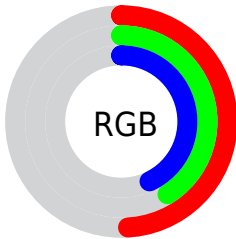
Format	Color
R_{YB}	124, 105, 110
Decimal	8153454
CIE Lab	46.33, 8.44, -0.01
CIE LCh	46, 8.445, 359.936
Yxy	15.5135, 0.3330, 0.3193
Android (android.graphics.Color)	4286343534 (0xFF7C696E)
YUV	111.2510, -0.6167, 11.1809
Hunter-Lab	39.3872, 4.3976, 2.1373

Details

The YIQ color **111.2510, 9.7190, 5.5830** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.7490, -9.7190, -5.5830**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9630, 10.5900, 6.3180**, and **63.6530, 8.5270, 5.1590** is the 20% darker color. If you saturate the color by 10%, you get **103.1810, 15.9080, 9.0600**, and if you desaturate by 10%, it is **119.3210, 3.5300, 2.1060**.

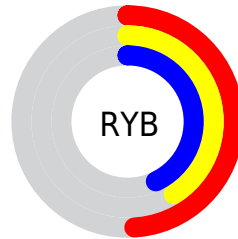
Distribution



Red (49%)

Green (41%)

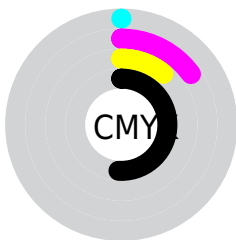
Blue (43%)



Red (49%)

Yellow (41%)

Blue (43%)

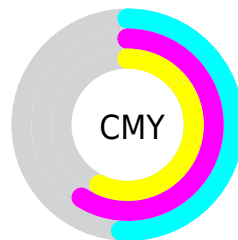


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (51%)



Cyan (51%)

Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.2510, 9.7190, 5.5830 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 111.2510, 9.7190, 5.5830 by changing the saturation by 10% instead.

■ 111.2510, 9.7190,
5.5830

■ 111.2510, 9.7190,
5.5830

255.0000, -0.0000,
-0.0000

■ 86.9520, 9.1230,
5.3710

■ 162.9630, 10.5900,
6.3180

■ 63.6530, 8.5270,
5.1590

■ 189.9630, 10.5900,
6.3180

■ 41.3540, 7.9310,
4.9470

■ 217.8490, 10.9110,
6.0070

■ 20.9410, 7.6560,
4.4240

■ 244.4680, 7.6100,
5.2580

■ 0.0000, 0.0000,
0.0000

■ 111.2510, 9.7190,

■ 111.2510, 9.7190,

5.5830

5.5830

■ 103.1810, 15.9080,
9.0600

■ 119.3210, 3.5300,
2.1060

■ 94.5240, 22.3720,
13.0600

■ 127.9780, -2.9340,
-1.8940

■ 86.4540, 28.5610,
16.5370

■ 136.0480, -9.1230,
-5.3710

■ 77.6830, 35.3460,
20.2260

■ 144.8190,
-15.9080, -9.0600

■ 69.6130, 41.5350,
23.7030

■ 152.8890,
-22.0970, -12.5370

■ 61.5430, 47.7240,
27.1800

■ 160.9590,
-28.2860, -16.0140

■ 52.8860, 54.1880,
31.1800

■ 169.6160,
-34.7500, -20.0140

■ 44.8160, 60.3770,
34.6570

■ 177.6860,
-40.9390, -23.4910

■ 40.8380, 63.3110,
36.5510

■ 186.3430,
-47.4030, -27.4910

Harmonies

Analogous

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



111.1410, 4.2170, 6.1770



111.2510, 9.7190, 5.5830



110.7520, 12.5620, 3.6180

Triad

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



111.2510, 9.7190, 5.5830



108.5070, 2.7060, -4.9900



108.0570, -13.3420, -0.4940

Complementary

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



111.2510, 9.7190, 5.5830



117.7490, -9.7190, -5.5830

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.



107.7640, -14.0750, -3.7310



111.2510, 9.7190, 5.5830



107.8590, -4.2170, -6.1770

Square

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



111.2510, 9.7190, 5.5830



109.6110, 8.3450, -2.5590



107.4500, -10.3150, -5.7950



109.2040, -9.2620, 2.6580

Rectangle

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



111.2510, 9.7190, 5.5830



110.2850, 12.3790, 1.4270



107.4500, -10.3150, -5.7950



107.8180, -14.1670, -2.0630

Sweetspot

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



111.2510, 9.7190, 5.5830



155.6200, 4.1260, 2.3180



111.3520, 2.2450, 8.8770



78.6090, 2.6590, 1.3710



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.



111.2510, 9.7190, 5.5830



141.4690, 15.0370, 8.3250



113.0290, 10.2240, 1.9360



57.0220, 2.9340, 1.8940



41.1370, 63.9070, 36.7630



82.9860, 128.6850, 74.2610

Inverse Universe

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



111.2510, 9.7190, 5.5830



141.4690, 15.0370, 8.3250



115.9710, -10.2240, -1.9360



57.0220, 2.9340, 1.8940



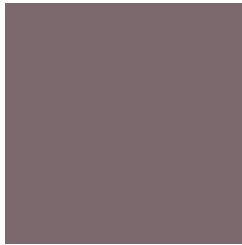
41.1370, 63.9070, 36.7630



82.9860, 128.6850, 74.2610

Previews

White Background



This preview shows how the YIQ color 111.2510, 9.7190, 5.5830 looks on a white background.

Color Contrast Check

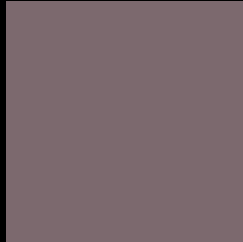
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.2510, 9.7190, 5.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

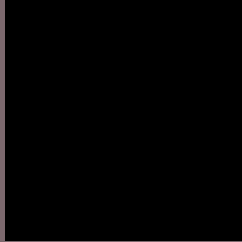
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.2510, 9.7190, 5.5830

Background



This preview shows how black text looks on a background with the YIQ color 111.2510, 9.7190, 5.5830.



This preview shows how white text looks on a background with the YIQ color 111.2510, 9.7190,

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

111.2510, 9.7190, 5.5830

Protanopia

110.0540, -0.0920, 1.6680

Deuteranopia

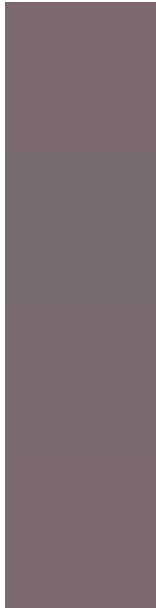
110.6420, 7.0600, 4.2120



Tritanopia

111.5930, 8.7560, 6.5160

Trichromacy



Original Color

111.2510, 9.7190, 5.5830

Protanomaly

110.8480, 3.4840, 2.9400

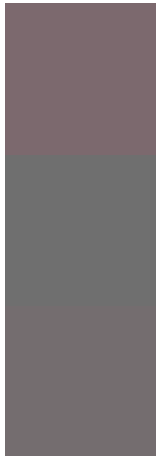
Deuteranomaly

110.9410, 7.6560, 4.4240

Tritanomaly

111.4790, 9.0770, 6.2050

Monochromacy



Original Color

111.2510, 9.7190, 5.5830

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.3210, 3.5300, 2.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.2510, 9.7190, 5.5830 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(124, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(124, 105, 110)  
}
```

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(124, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 105, 110) }
```

Border

The CSS property to change the border of an element to YIQ 111.2510, 9.7190, 5.5830 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(124, 105, 110) }
```


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

```
.border{ border-color:rgb(124, 105, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 105, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(124, 105,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 111.2510, 9.7190, 5.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 105, 110) }
```

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

```
.background{ background-color: rgb(124,  
105, 110) }
```

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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