

Converting Colors

YIQ(117.2410, 6.5110, -2.3610)

Have a look what the booklet for
YIQ(117.2410, 6.5110, -2.3610)
contains.

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Color

**YIQ(117.2410, 6.5110,
-2.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	7A756A
RGB	122, 117, 106
RGB Percent	48%, 46%, 42%
CMY	0.5216, 0.5412, 0.5843
CMYK	0.00, 0.04, 0.13, 0.52
HSL	41°, 7%, 45%
HSV	41°, 13%, 48%
XYZ	16.9892, 17.9005, 16.1978
YIQ	117.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

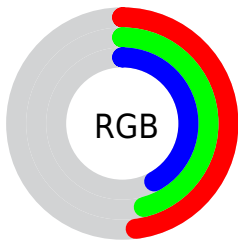
Format	Color
R_{YB}	113, 122, 106
Decimal	8025450
CIE Lab	49.38, -0.14, 6.74
CIE LCh	49, 6.744, 91.159
Yxy	17.9005, 0.3326, 0.3504
Android (android.graphics.Color)	4286215530 (0xFF7A756A)
YUV	117.2410, -5.5418, 4.1736
Hunter-Lab	42.3090, -2.3639, 6.9175

Details

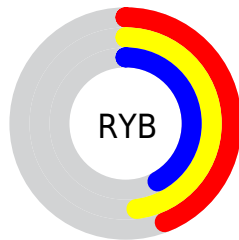
The YIQ color **117.2410, 6.5110, -2.3610** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.7590, -6.5110, 2.3610**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1270, 6.8320, -2.6720**, and **69.0560, 5.5940, -2.2620** is the 20% darker color. If you saturate the color by 10%, you get **113.5250, 11.4630, -4.0010**, and if you desaturate by 10%, it is **120.9570, 1.5590, -0.7210**.

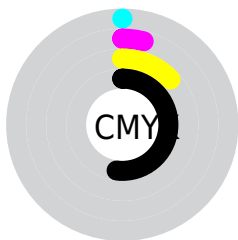
Distribution



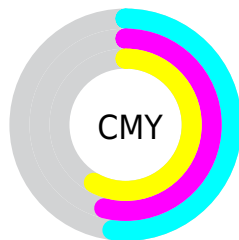
- Red (48%)
- Green (46%)
- Blue (42%)



- Red (44%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2410, 6.5110, -2.3610 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 117.2410, 6.5110, -2.3610 by changing the saturation by 10% instead.

■ 117.2410, 6.5110,
-2.3610

■ 117.2410, 6.5110,
-2.3610

■ 255.0000, -0.0000,
-0.0000

■ 92.3550, 6.1900,
-2.0500

■ 169.1270, 6.8320,
-2.6720

■ 69.0560, 5.5940,
-2.2620

■ 196.4260, 7.4280,
-2.4600

■ 47.0560, 5.5940,
-2.2620

■ 224.4260, 7.4280,
-2.4600

■ 26.0560, 5.5940,
-2.2620

■ 252.1160, 5.3650,
-3.6190

■ 0.0000, 0.0000,
0.0000

■ 117.2410, 6.5110,

■ 117.2410, 6.5110,

-2.3610

-2.3610

■ 113.5250, 11.4630,
-4.0010

■ 120.9570, 1.5590,
-0.7210

■ 109.8090, 16.4150,
-5.6410

■ 124.6730, -3.3930,
0.9190

■ 106.5660, 21.4130,
-8.1150

■ 127.9160, -8.3910,
3.3930

■ 102.8500, 26.3650,
-9.7550

■ 131.6320,
-13.3430, 5.0330

■ 99.1340, 31.3170,
-11.3950

■ 135.3480,
-18.2950, 6.6730

■ 95.4180, 36.2690,
-13.0350

■ 139.0640,
-23.2470, 8.3130

■ 91.7020, 41.2210,
-14.6750

■ 142.7800,
-28.1990, 9.9530

■ 87.8720, 46.4940,
-16.6260

■ 146.6100,
-33.4720, 11.9040

■ 85.7860, 49.6120,
-18.0680

■ 149.7390,
-38.1490, 14.0670

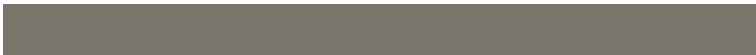
Harmonies

Analogous

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



117.7900, 9.3990, 0.3670



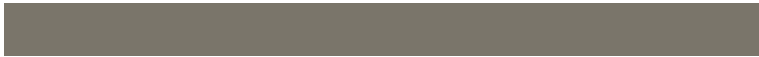
117.2410, 6.5110, -2.3610



116.5500, 1.1470, -4.2690

Triad

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



117.2410, 6.5110, -2.3610



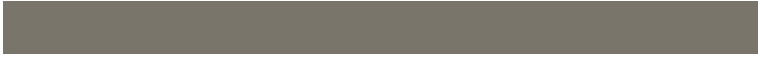
115.8460, -11.3700, -3.1940



118.3150, 3.6670, 5.1310

Complementary

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



117.2410, 6.5110, -2.3610



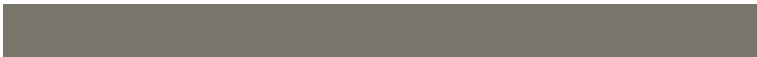
110.7590, -6.5110, 2.3610

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.



118.1510, -1.7430, 4.0570



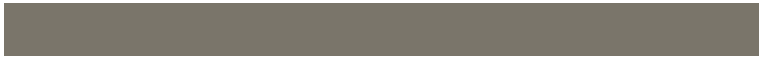
117.2410, 6.5110, -2.3610



116.0250, -10.3160, -0.2680

Square

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



117.2410, 6.5110, -2.3610



115.7600, -8.2520, -4.6360



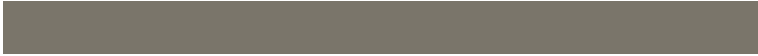
117.4600, -7.1070, 2.1490



118.8270, 7.9770, 4.1130

Rectangle

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



117.2410, 6.5110, -2.3610



116.1690, -2.1540, -5.0180



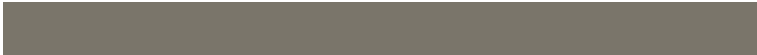
117.4600, -7.1070, 2.1490



118.5320, 1.5580, 4.8060

Sweetspot

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



117.2410, 6.5110, -2.3610



156.1420, 2.4760, -0.8200



111.3540, 7.9310, 4.9470



77.9570, 1.5590, -0.7210



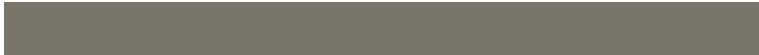
207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



117.2410, 6.5110, -2.3610



150.4540, 10.2250, -3.5910



119.2790, 3.3480, -5.6120



59.1420, 2.4760, -0.8200



87.8570, 50.8500, -18.4780



177.4860, 102.3420, -37.5780

Inverse Universe

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



110.7590, -6.5110, 2.3610



140.5460, -10.2250, 3.5910



108.7210, -3.3480, 5.6120



56.8580, -2.4760, 0.8200



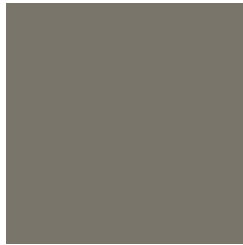
37.1430, -50.8500, 18.4780



75.1010, -102.6170, 37.0550

Previews

White Background



This preview shows how the YIQ color 117.2410, 6.5110, -2.3610 looks on a white background.

Color Contrast Check

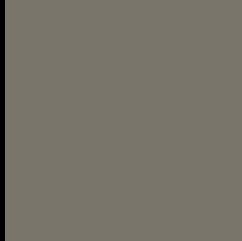
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2410, 6.5110, -2.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

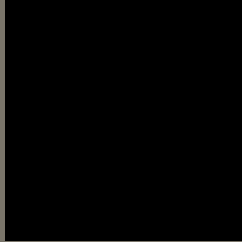
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.2410, 6.5110, -2.3610

Background



This preview shows how black text looks on a background with the YIQ color 117.2410, 6.5110, -2.3610.



This preview shows how white text looks on a background with the YIQ color 117.2410, 6.5110,

-2.3610.

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

117.2410, 6.5110, -2.3610

Protanopia

117.2410, 6.5110, -2.3610

Deuteranopia

118.2960, 13.8460, 2.3740



Tritanopia

118.0160, 3.0710, 4.9190

Trichromacy



Original Color

117.2410, 6.5110, -2.3610

Protanomaly

117.2410, 6.5110, -2.3610

Deuteranomaly

117.6870, 11.1870, 1.0030

Tritanomaly

117.6200, 4.1260, 2.3180

Monochromacy



Original Color

117.2410, 6.5110, -2.3610

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1420, 2.4760, -0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2410, 6.5110, -2.3610 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(122, 117, 106)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 106)  
}
```

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(122, 117, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 106) }
```

Border

The CSS property to change the border of an element to YIQ 117.2410, 6.5110, -2.3610 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(122, 117, 106) }
```


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

```
.border{ border-color:rgb(122, 117, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 117, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 106);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2410, 6.5110, -2.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 106) }
```

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

```
.background{ background-color: rgb(122,  
117, 106) }
```

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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