

Converting Colors

YIQ(112.1110, 12.9290, 2.4730)

Have a look what the booklet for
YIQ(112.1110, 12.9290, 2.4730)
contains.

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Color

**YIQ(112.1110, 12.9290,
2.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6B66
RGB	126, 107, 102
RGB Percent	49%, 42%, 40%
CMY	0.5058, 0.5804, 0.5999
CMYK	0.00, 0.15, 0.19, 0.51
HSL	12°, 11%, 45%
HSV	12°, 19%, 49%
XYZ	16.2616, 15.9097, 14.7878
YIQ	112.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

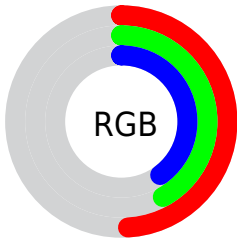
Format	Color
R_{YB}	126, 108, 102
Decimal	8285030
CIE _{Lab}	46.86, 6.64, 5.57
CIE _{LCh}	47, 8.668, 39.967
Yxy	15.9097, 0.3463, 0.3388
Android (android.graphics.Color)	4286475110 (0xFF7E6B66)
YUV	112.1110, -4.9847, 12.1807
Hunter-Lab	39.8870, 2.9706, 5.9396

Details

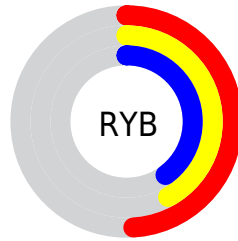
The YIQ color **112.1110, 12.9290, 2.4730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.8890, -12.9290, -2.4730**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7090, 14.1210, 2.8970**, and **64.5130, 11.7370, 2.0490** is the 20% darker color. If you saturate the color by 10%, you get **104.7590, 19.8520, 3.6600**, and if you desaturate by 10%, it is **119.4630, 6.0060, 1.2860**.

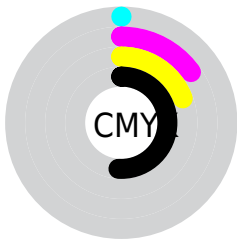
Distribution



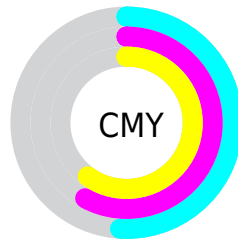
- Red (49%)
- Green (42%)
- Blue (40%)



- Red (49%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.1110, 12.9290, 2.4730 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 112.1110, 12.9290, 2.4730 by changing the saturation by 10% instead.

■ 112.1110, 12.9290,
2.4730

■ 112.1110, 12.9290,
2.4730

255.0000, -0.0000,
-0.0000

■ 87.8120, 12.3330,
2.2610

■ 163.7090, 14.1210,
2.8970

■ 64.5130, 11.7370,
2.0490

■ 191.0080, 14.7170,
3.1090

■ 42.3280, 10.8200,
2.1480

■ 218.8940, 15.0380,
2.7980

■ 21.5020, 10.2700,
1.1020

■ 244.5020, 10.2700,
1.1020

■ 0.0000, 0.0000,
0.0000

■ 112.1110, 12.9290,

■ 112.1110, 12.9290,

2.4730

2.4730

■ 104.7590, 19.8520,
3.6600

■ 119.4630, 6.0060,
1.2860

■ 97.5210, 26.4540,
5.1580

■ 126.7010, -0.5960,
-0.2120

■ 90.1690, 33.3770,
6.3450

■ 134.0530, -7.5190,
-1.3990

■ 82.9310, 39.9790,
7.8430

■ 141.2910,
-14.1210, -2.8970

■ 75.5790, 46.9020,
9.0300

■ 148.6430,
-21.0440, -4.0840

■ 68.2270, 53.8250,
10.2170

■ 155.9950,
-27.9670, -5.2710

■ 60.9890, 60.4270,
11.7150

■ 163.2330,
-34.5690, -6.7690

■ 53.6370, 67.3500,
12.9020

■ 170.5850,
-41.4920, -7.9560

■ 52.9360, 67.9460,
13.1140

■ 177.8230,
-48.0940, -9.4540

Harmonies

Analogous

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



112.6210, 11.5530, 5.3850



112.1110, 12.9290, 2.4730



111.6330, 11.2790, -0.6650

Triad

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



112.1110, 12.9290, 2.4730



108.8910, -7.2430, -6.4030



111.1010, -7.4740, 3.2940

Complementary

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



112.1110, 12.9290, 2.4730



115.8890, -12.9290, -2.4730

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.



109.7690, -12.4710, 0.2410



112.1110, 12.9290, 2.4730



108.1940, -12.4700, -5.2860

Square

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



112.1110, 12.9290, 2.4730



110.0120, -0.2740, -6.0500



108.9920, -14.7170, -3.1090



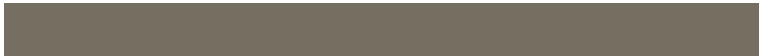
111.9880, 0.2740, 6.0500

Rectangle

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



112.1110, 12.9290, 2.4730



111.1980, 8.0700, -3.0820



108.9920, -14.7170, -3.1090



110.7910, -9.5370, 2.1350

Sweetspot

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



112.1110, 12.9290, 2.4730



157.1640, 5.4100, 1.0740



111.3420, 8.2050, 10.9970



78.3810, 3.3010, 0.7490



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

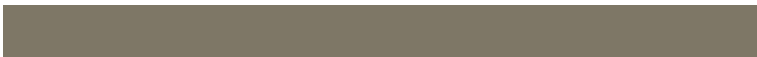
The Same Dimension uses a secret algorithm to generate beautiful new colors.



112.1110, 12.9290, 2.4730



141.1720, 20.1270, 4.1830



119.1550, 9.6290, -3.8030



60.2670, 3.6220, 0.4380



53.5340, 69.1380, 13.5380



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.8890, -12.9290, -2.4730



147.2410, -19.8520, -3.6600



108.8450, -9.6290, 3.8030



60.7330, -3.6220, -0.4380



73.8790, -68.8630, -13.0150



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 112.1110, 12.9290, 2.4730 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 112.1110, 12.9290, 2.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

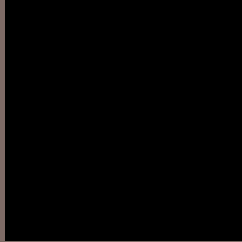
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.1110, 12.9290, 2.4730

Background



This preview shows how black text looks on a background with the YIQ color 112.1110, 12.9290, 2.4730.

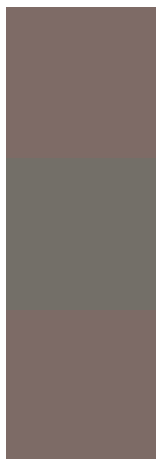


This preview shows how white text looks on a background with the YIQ color 112.1110, 12.9290,

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

112.1110, 12.9290, 2.4730

Protanopia

111.3980, 4.6310, -1.3290

Deuteranopia

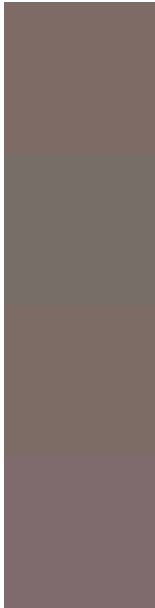
111.8120, 12.3330, 2.2610



Tritanopia

112.4900, 10.5440, 7.1520

Trichromacy



Original Color

112.1110, 12.9290, 2.4730

Protanomaly

111.8930, 7.6110, -0.2690

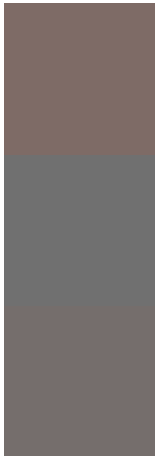
Deuteranomaly

111.8120, 12.3330, 2.2610

Tritanomaly

112.6210, 11.5530, 5.3850

Monochromacy



Original Color

112.1110, 12.9290, 2.4730

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8650, 4.8140, 0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.1110, 12.9290, 2.4730 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(126, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(126, 107, 102)  
}
```

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(126, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 107, 102) }
```

Border

The CSS property to change the border of an element to YIQ 112.1110, 12.9290, 2.4730 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(126, 107, 102) }
```


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

```
.border{ border-color:rgb(126, 107, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 107, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(126, 107,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 112.1110, 12.9290, 2.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 107, 102) }
```

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

```
.background{ background-color: rgb(126,  
107, 102) }
```

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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