

Converting Colors

YIQ(89.1110, 22.0970, 12.5370)

Have a look what the booklet for
YIQ(89.1110, 22.0970, 12.5370)
contains.

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Color

**YIQ(89.1110, 22.0970,
12.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	764B56
RGB	118, 75, 86
RGB Percent	46%, 29%, 34%
CMY	0.5371, 0.7059, 0.6627
CMYK	0.00, 0.36, 0.27, 0.54
HSL	345°, 22%, 38%
HSV	345°, 36%, 46%
XYZ	11.6704, 9.5554, 10.0376
YIQ	89.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

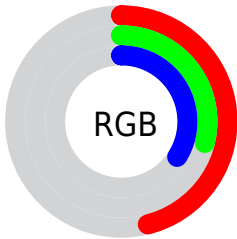
Format	Color
R_{YB}	118, 75, 86
Decimal	7752534
CIE _{Lab}	37.03, 19.93, 1.09
CIE _{LCh}	37, 19.956, 3.122
Yxy	9.5554, 0.3733, 0.3056
Android (android.graphics.Color)	4285942614 (0xFF764B56)
YUV	89.1110, -1.5337, 25.3357
Hunter-Lab	30.9118, 13.2947, 2.3857

Details

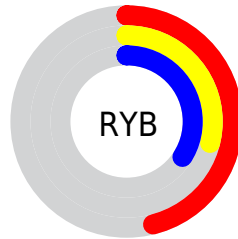
The YIQ color **89.1110, 22.0970, 12.5370** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **103.8890, -22.0970, -12.5370**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.4210, 24.1600, 13.6960**, and **42.6160, 19.1170, 11.4770** is the 20% darker color. If you saturate the color by 10%, you get **81.0410, 28.2860, 16.0140**, and if you desaturate by 10%, it is **97.1810, 15.9080, 9.0600**.

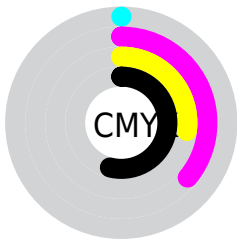
Distribution



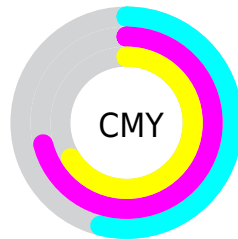
- Red (46%)
- Green (29%)
- Blue (34%)



- Red (46%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (36%)
- Yellow (27%)
- Black (54%)



- Cyan (54%)
- Magenta (71%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.1110, 22.0970, 12.5370 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 89.1110, 22.0970, 12.5370 by changing the saturation by 10% instead.

■ 89.1110, 22.0970,
12.5370

■ 89.1110, 22.0970,
12.5370

■ 255.0000, -0.0000,
-0.0000

■ 65.5130, 20.9050,
12.1130

■ 139.4210, 24.1600,
13.6960

■ 42.6160, 19.1170,
11.4770

■ 166.0190, 25.3520,
14.1200

■ 20.5450, 17.8790,
11.8870

■ 193.3180, 25.9480,
14.3320

■ 5.0830, 10.1320,
3.6040

■ 221.3180, 25.9480,
14.3320

■ 0.0000, 0.0000,
0.0000

■ 240.9460, 9.2600,
8.3960

89.1110, 22.0970,
12.5370

89.1110, 22.0970,
12.5370

81.0410, 28.2860,
16.0140

97.1810, 15.9080,
9.0600

72.9710, 34.4750,
19.4910

105.2510, 9.7190,
5.5830

65.6020, 40.0680,
22.7560

112.6200, 4.1260,
2.3180

57.5320, 46.2570,
26.2330

120.6900, -2.0630,
-1.1590

49.4620, 52.4460,
29.7100

128.7600, -8.2520,
-4.6360

41.3920, 58.6350,
33.1870


136.8300,
-14.4410, -8.1130

38.7020, 60.6980,
34.3460

144.7860,
-20.3090, -11.9010

152.2690,

-26.2230, -14.8550

 160.3390,
-32.4120, -18.3320

Harmonies

Analogous

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



89.4180, 11.0470, 14.5590



89.1110, 22.0970, 12.5370



88.4610, 26.6830, 6.5150

Triad

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



89.1110, 22.0970, 12.5370



83.8780, 2.7990, -12.1850



80.8570, -36.2660, -3.5460

Complementary

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



89.1110, 22.0970, 12.5370



103.8890, -22.0970, -12.5370

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.



77.1890, -40.4370, -10.5570



89.1110, 22.0970, 12.5370



81.9130, -13.4770, -14.5730

Square

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



89.1110, 22.0970, 12.5370



86.3420, 16.2320, -7.8320



78.9420, -29.6160, -13.9360



85.5540, -21.8710, 5.4010

Rectangle

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



89.1110, 22.0970, 12.5370



87.5270, 26.3170, 2.1330



78.9420, -29.6160, -13.9360



79.3080, -39.1540, -6.2740

Sweetspot

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



89.1110, 22.0970, 12.5370



141.5390, 8.8480, 4.8480



89.4700, 5.2690, 20.1570



70.2180, 5.3180, 2.7420



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.



89.1110, 22.0970, 12.5370



107.9710, 34.4750, 19.4910



93.7270, 22.8780, 3.8860



54.9080, 3.2550, 1.5830



40.0120, 62.7610, 35.5050



82.0460, 128.4560, 72.9040

Inverse Universe

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



89.1110, 22.0970, 12.5370



107.9710, 34.4750, 19.4910



99.2730, -22.8780, -3.8860



54.9080, 3.2550, 1.5830



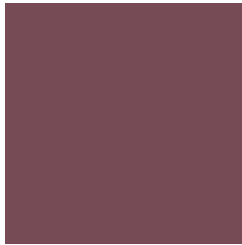
40.0120, 62.7610, 35.5050



82.0460, 128.4560, 72.9040

Previews

White Background



This preview shows how the YIQ color 89.1110, 22.0970, 12.5370 looks on a white background.

Color Contrast Check

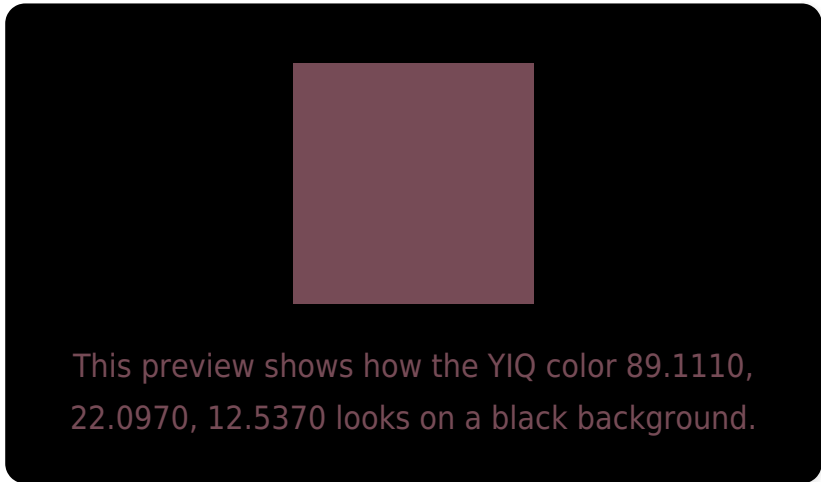
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 89.1110, 22.0970, 12.5370

Background



This preview shows how black text looks on a background with the YIQ color 89.1110, 22.0970, 12.5370.



This preview shows how white text looks on a background with the YIQ color 89.1110, 22.0970,

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

89.1110, 22.0970, 12.5370

Protanopia

87.6840, -1.9260, 1.8660

Deuteranopia

88.4740, 7.4730, 2.2330



Tritanopia

89.1280, 23.4270, 10.4590

Trichromacy



Original Color

89.1110, 22.0970, 12.5370

Protanomaly

88.2830, 6.6930, 5.3570

Deuteranomaly

88.6320, 13.0200, 6.3320

Tritanomaly

89.3560, 22.7850, 11.0810

Monochromacy



Original Color

89.1110, 22.0970, 12.5370

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.2400, 8.2520, 4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.1110, 22.0970, 12.5370 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, 75, 86)` looks like.

```
.text, #text, p{  
    color:rgb(118, 75, 86)  
}
```

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, 75, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 75, 86) }
```

Border

The CSS property to change the border of an element to YIQ 89.1110, 22.0970, 12.5370 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, 75, 86) }
```


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

```
.border{ border-color:rgb(118, 75, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 75, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 75, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 75, 86);  
box-shadow:4px 4px 4px 4px rgb(118, 75,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 89.1110, 22.0970, 12.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 75, 86) }
```

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

```
.background{ background-color: rgb(118, 75,  
86) }
```

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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