

Converting Colors

YIQ(86.5570, 26.7730, 15.9010)

Have a look what the booklet for
YIQ(86.5570, 26.7730, 15.9010)
contains.

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Color

**YIQ(86.5570, 26.7730,
15.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4554
RGB	122, 69, 84
RGB Percent	48%, 27%, 33%
CMY	0.5214, 0.7295, 0.6705
CMYK	0.00, 0.43, 0.31, 0.52
HSL	343°, 28%, 37%
HSV	343°, 43%, 48%
XYZ	11.7589, 9.0341, 9.5165
YIQ	86.5570, 26.7730, 15.9010

Conversions

Conversions Part 2

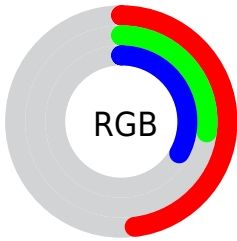
Format	Color
R_{YB}	122, 69, 84
Decimal	8013140
CIE Lab	36.05, 24.79, 0.98
CIE LCh	36, 24.808, 2.274
Yxy	9.0341, 0.3880, 0.2981
Android (android.graphics.Color)	4286203220 (0xFF7A4554)
YUV	86.5570, -1.2606, 31.0835
Hunter-Lab	30.0567, 17.2339, 2.2675

Details

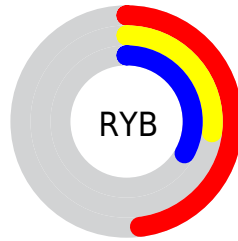
The YIQ color **86.5570, 26.7730, 15.9010** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **104.4430, -26.7730, -15.9010**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.0520, 29.7530, 16.9610**, and **39.1760, 23.4720, 15.1520** is the 20% darker color. If you saturate the color by 10%, you get **78.4870, 32.9620, 19.3780**, and if you desaturate by 10%, it is **94.6270, 20.5840, 12.4240**.

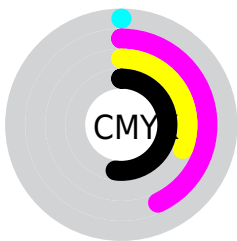
Distribution



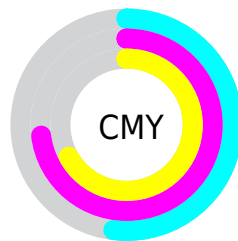
- Red (48%)
- Green (27%)
- Blue (33%)



- Red (48%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.5570, 26.7730, 15.9010 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 86.5570, 26.7730, 15.9010 by changing the saturation by 10% instead.

■ 86.5570, 26.7730,
15.9010

■ 86.5570, 26.7730,
15.9010

■ 255.0000, -0.0000,
-0.0000

■ 62.6600, 24.9850,
15.2650

■ 137.0520, 29.7530,
16.9610

■ 39.1760, 23.4720,
15.1520

■ 163.7640, 30.6240,
17.6960

■ 16.8060, 21.6380,
15.3500

■ 191.3620, 31.8160,
18.1200

■ 5.3820, 10.7280,
3.8160

■ 217.4540, 28.5610,
16.5370

■ 0.0000, 0.0000,
0.0000

■ 237.1960, 11.5520,
10.9120

86.5570, 26.7730,
15.9010

86.5570, 26.7730,
15.9010

78.4870, 32.9620,
19.3780

94.6270, 20.5840,
12.4240

70.5310, 38.8300,
23.1660

102.6970, 14.3950,
8.9470

61.8740, 45.2940,
27.1660

111.2400, 8.2520,
4.6360

53.8040, 51.4830,
30.6430

119.3100, 2.0630,
1.1590

45.7340, 57.6720,
34.1200

127.3800, -4.1260,
-2.3180


40.4680, 61.4770,
36.7490

135.3360, -9.9940,
-6.1060

143.4060,
-16.1830, -9.5830

152.0630,

-22.6470, -13.5830

 160.1330,
-28.8360, -17.0600

Harmonies

Analogous

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



87.3090, 12.9720, 18.2200



86.5570, 26.7730, 15.9010



85.5650, 32.3220, 8.9460

Triad

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



86.5570, 26.7730, 15.9010



80.9550, 3.9000, -15.6200



71.5710, -56.0720, -8.0400

Complementary

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



86.5570, 26.7730, 15.9010



104.4430, -26.7730, -15.9010

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.



67.7350, -59.8300, -17.0300



86.5570, 26.7730, 15.9010



77.9510, -16.6400, -17.8240

Square

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



86.5570, 26.7730, 15.9010



83.1420, 19.6710, -9.5850



71.2500, -42.4070, -18.9110



81.6610, -29.4820, 5.6700

Rectangle

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



86.5570, 26.7730, 15.9010



85.1640, 31.7730, 2.3730



71.2500, -42.4070, -18.9110



67.8150, -62.8110, -12.5630

Sweetspot

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



86.5570, 26.7730, 15.9010



144.5500, 10.3150, 5.7950



86.1050, 5.0390, 24.3270



70.3430, 6.4640, 4.0000



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.



86.5570, 26.7730, 15.9010



103.1400, 41.4890, 24.5370



91.3040, 28.5630, 5.4830



57.0220, 2.9340, 1.8940



41.3650, 63.2650, 37.3850



83.5560, 127.0800, 75.8160

Inverse Universe

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



86.5570, 26.7730, 15.9010



103.1400, 41.4890, 24.5370



99.6960, -28.5630, -5.4830



57.0220, 2.9340, 1.8940



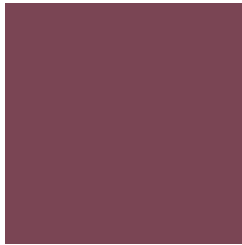
41.3650, 63.2650, 37.3850



83.5560, 127.0800, 75.8160

Previews

White Background



This preview shows how the YIQ color 86.5570, 26.7730, 15.9010 looks on a white background.

Color Contrast Check

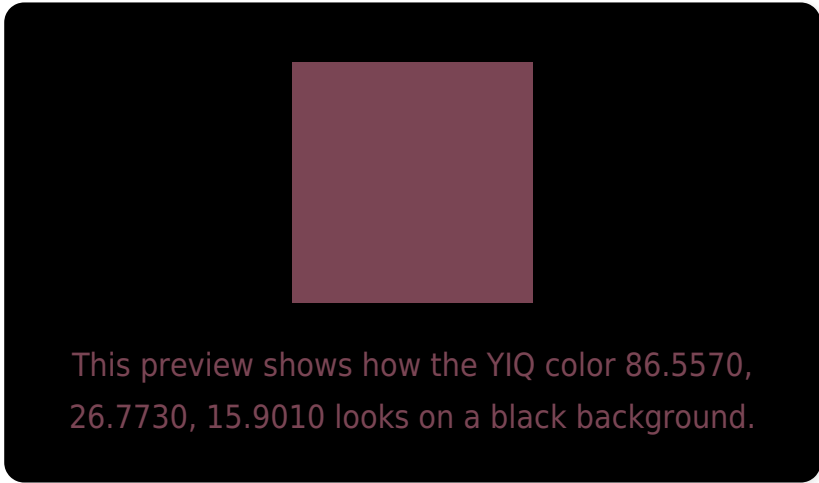
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.5570, 26.7730, 15.9010

Background



This preview shows how black text looks on a background with the YIQ color 86.5570, 26.7730, 15.9010.



This preview shows how white text looks on a background with the YIQ color 86.5570, 26.7730,

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

86.5570, 26.7730, 15.9010

Protanopia

85.6130, -3.1640, 2.2760

Deuteranopia

85.8870, 7.7480, 2.7560



Tritanopia

85.9330, 28.4700, 12.6780

Trichromacy



Original Color

86.5570, 26.7730, 15.9010

Protanomaly

85.9350, 7.7930, 7.4490

Deuteranomaly

86.0560, 14.7620, 7.8020

Tritanomaly

86.2750, 27.5070, 13.6110

Monochromacy



Original Color

86.5570, 26.7730, 15.9010

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.6640, 9.9940, 6.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.5570, 26.7730, 15.9010 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, 69, 84)` looks like.

```
.text, #text, p{  
    color:rgb(122, 69, 84)  
}
```

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, 69, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 69, 84) }
```

Border

The CSS property to change the border of an element to YIQ 86.5570, 26.7730, 15.9010 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, 69, 84) }
```


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

```
.border{ border-color:rgb(122, 69, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 69, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 69, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 69, 84);  
box-shadow:4px 4px 4px 4px rgb(122, 69,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 86.5570, 26.7730, 15.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 69, 84) }
```

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

```
.background{ background-color: rgb(122, 69,  
84) }
```

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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