

Converting Colors

YIQ(86.0140, 15.7210, 28.9770)

Have a look what the booklet for
YIQ(86.0140, 15.7210, 28.9770)
contains.

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Color

**YIQ(86.0140, 15.7210,
28.9770)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 773F76 |
| RGB | 119, 63, 118 |
| RGB Percent | 47%, 25%, 46% |
| CMY | 0.5332, 0.7530, 0.5372 |
| CMYK | 0.00, 0.47, 0.01, 0.53 |
| HSL | 301°, 31%, 36% |
| HSV | 301°, 47%, 47% |
| XYZ | 12.6601, 8.7855, 18.1696 |
| YIQ | 86.0140, 15.7210, 28.9770 |

Conversions

Conversions Part 2

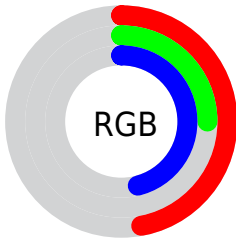
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 119, 63, 118 |
| Decimal | 7815030 |
| CIE _{Lab} | 35.57, 33.07, -21.20 |
| CIE _{LCh} | 36, 39.285, 327.342 |
| Yxy | 8.7855, 0.3196, 0.2218 |
| Android (android.graphics.Color) | 4286005110 (0xFF773F76) |
| YUV | 86.0140, 15.7691, 28.9287 |
| Hunter-Lab | 29.6404, 24.3712, -15.5967 |

Details

The YIQ color **86.0140, 15.7210, 28.9770** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.9860, -15.7210, -28.9770**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.4380, 17.4630, 30.4470**, and **37.3020, 14.8500, 28.2420** is the 20% darker color. If you saturate the color by 10%, you get **78.9700, 19.0210, 35.2530**, and if you desaturate by 10%, it is **93.0580, 12.4210, 22.7010**.

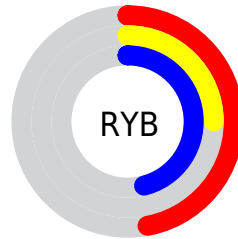
Distribution



Red (47%)

Green (25%)

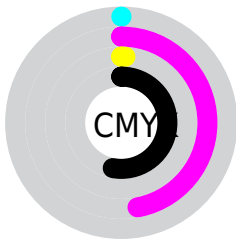
Blue (46%)



Red (47%)

Yellow (25%)

Blue (46%)

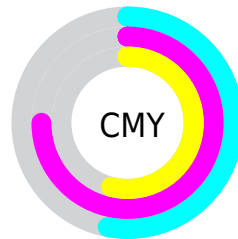


Cyan (0%)

Magenta (47%)

Yellow (1%)

Black (53%)



Cyan (53%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.0140, 15.7210, 28.9770 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 86.0140, 15.7210, 28.9770 by changing the saturation by 10% instead.

86.0140, 15.7210,
28.9770

86.0140, 15.7210,
28.9770

255.0000, -0.0000,
-0.0000

61.3020, 14.8500,
28.2420

137.4380, 17.4630,
30.4470

37.3020, 14.8500,
28.2420

163.9650, 17.4170,
31.2810

18.8130, 11.7330,
24.1570

191.0900, 18.5630,
32.5390

8.6450, 2.9780,
12.1140

218.6060, 17.0500,
32.4260

0.0000, 0.0000,
0.0000

235.0420, 9.3500,
17.7820

252.0650, 1.3750,

2.6150

■ 86.0140, 15.7210,
28.9770

■ 86.0140, 15.7210,
28.9770

■ 78.9700, 19.0210,
35.2530

■ 93.0580, 12.4210,
22.7010

■ 71.9260, 22.3210,
41.5290

■ 100.1020, 9.1210,
16.4250

■ 64.7680, 25.9420,
47.4940

■ 107.2600, 5.5000,
10.4600

■ 57.7240, 29.2420,
53.7700

■ 114.3040, 2.2000,
4.1840

■ 50.6800, 32.5420,
60.0460

■ 121.3480, -1.1000,
-2.0920

■ 48.9190, 33.3670,
61.6150

■ 127.8050, -4.1250,
-7.8450

■ 134.9630, -7.7460,
-13.8100

■ 142.0070,
-11.0460, -20.0860

■ 149.0510,
-14.3460, -26.3620

Harmonies

Analogous

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



84.7800, -19.0310, 20.0170



86.0140, 15.7210, 28.9770



82.9920, 39.1500, 28.3820

Triad

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



86.0140, 15.7210, 28.9770



79.6410, 34.0230, -16.3850



70.2940, -62.9020, -16.4220

Complementary

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



86.0140, 15.7210, 28.9770



95.9860, -15.7210, -28.9770

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.



66.6460, -52.6300, -26.3740



86.0140, 15.7210, 28.9770



76.9800, 10.7790, -24.6530

Square

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



86.0140, 15.7210, 28.9770



81.5970, 46.4910, -0.0450



69.8970, -25.7160, -29.5560



71.2690, -69.7810, -7.3890

Rectangle

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



86.0140, 15.7210, 28.9770



82.0820, 47.4040, 21.9640



69.8970, -25.7160, -29.5560



69.6270, -59.6460, -20.3660

Sweetspot

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



86.0140, 15.7210, 28.9770



142.9720, 6.3710, 11.1950



69.6830, -17.3800, 17.6280



71.3690, 3.5750, 6.7990



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.



86.0140, 15.7210, 28.9770



103.5290, 25.1170, 45.9250



82.8220, 24.7090, 20.2690



55.4780, 1.6500, 3.1380



50.1580, 34.1920, 63.1840



102.6800, 70.3550, 129.1950

Inverse Universe

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



86.0140, 15.7210, 28.9770



103.5290, 25.1170, 45.9250



99.1780, -24.7090, -20.2690



55.4780, 1.6500, 3.1380



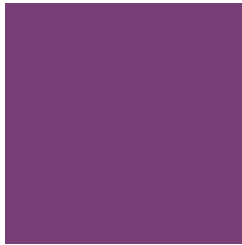
50.1580, 34.1920, 63.1840



102.6800, 70.3550, 129.1950

Previews

White Background



This preview shows how the YIQ color 86.0140, 15.7210, 28.9770 looks on a white background.

Color Contrast Check

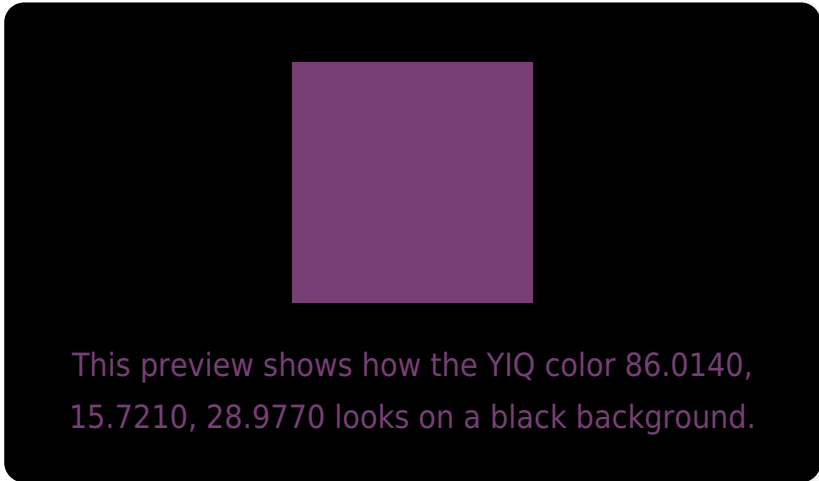
Large Text (above 18pt) WCAG AA ✓ Pass

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

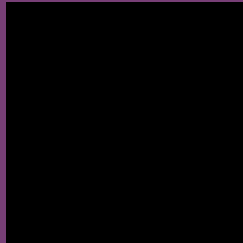
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.0140, 15.7210, 28.9770

Background



This preview shows how black text looks on a background with the YIQ color 86.0140, 15.7210, 28.9770.



This preview shows how white text looks on a background with the YIQ color 86.0140, 15.7210,

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

86.0140, 15.7210, 28.9770

Protanopia

83.4320, -27.0990, 12.0450

Deuteranopia

84.1420, -14.7190, 7.9450



Tritanopia

85.2420, 23.1060, 10.7700

Trichromacy



Original Color

86.0140, 15.7210, 28.9770

Protanomaly

84.6190, -11.3280, 18.0800

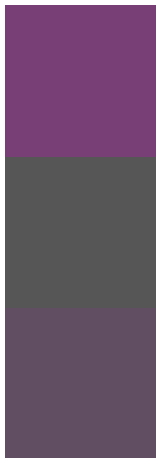
Deuteranomaly

84.9310, -3.5790, 15.3090

Tritanomaly

85.7890, 20.3080, 17.4280

Monochromacy



Original Color

86.0140, 15.7210, 28.9770

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

86.2600, 5.5000, 10.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.0140, 15.7210, 28.9770 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(119, 63, 118)` looks like.

```
.text, #text, p{  
    color:rgb(119, 63, 118)  
}
```

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(119, 63, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 63, 118) }
```

Border

The CSS property to change the border of an element to YIQ 86.0140, 15.7210, 28.9770 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(119, 63, 118) }
```


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

```
.border{ border-color:rgb(119, 63, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 63, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 63, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 63, 118);  
box-shadow:4px 4px 4px 4px rgb(119, 63,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 86.0140, 15.7210, 28.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 63, 118) }
```

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

```
.background{ background-color: rgb(119, 63,  
118) }
```

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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