

Converting Colors

YIQ(83.6010, 15.4460, 28.4540)

Have a look what the booklet for
YIQ(83.6010, 15.4460, 28.4540)
contains.

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Color

**YIQ(83.6010, 15.4460,
28.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	743D73
RGB	116, 61, 115
RGB Percent	45%, 24%, 45%
CMY	0.5449, 0.7609, 0.5490
CMYK	0.00, 0.47, 0.01, 0.54
HSL	301°, 31%, 35%
HSV	301°, 47%, 46%
XYZ	11.9704, 8.2888, 17.1902
YIQ	83.6010, 15.4460, 28.4540

Conversions

Conversions Part 2

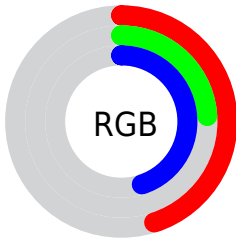
Format	Color
R_{YB}	116, 61, 115
Decimal	7617907
CIE _{Lab}	34.58, 32.62, -20.89
CIE _{LCh}	35, 38.737, 327.362
Yxy	8.2888, 0.3196, 0.2213
Android (android.graphics.Color)	4285807987 (0xFF743D73)
YUV	83.6010, 15.4797, 28.4139
Hunter-Lab	28.7903, 23.8331, -15.2477

Details

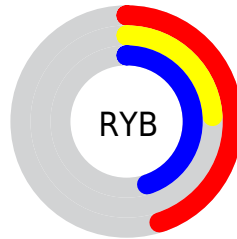
The YIQ color **83.6010, 15.4460, 28.4540** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.3990, -15.4460, -28.4540**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.1390, 16.8670, 30.2350**, and **35.0030, 14.2540, 28.0300** is the 20% darker color. If you saturate the color by 10%, you get **76.5570, 18.7460, 34.7300**, and if you desaturate by 10%, it is **90.6450, 12.1460, 22.1780**.

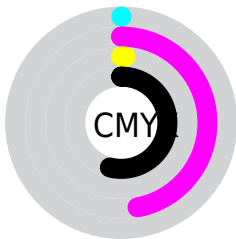
Distribution



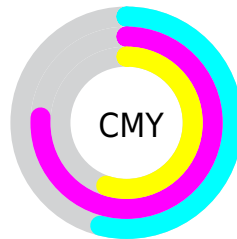
- Red (45%)
- Green (24%)
- Blue (45%)



- Red (45%)
- Yellow (24%)
- Blue (45%)



- Cyan (0%)
- Magenta (47%)
- Yellow (1%)
- Black (54%)



- Cyan (54%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.6010, 15.4460, 28.4540 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 83.6010, 15.4460, 28.4540 by changing the saturation by 10% instead.

■ 83.6010, 15.4460,
28.4540

■ 83.6010, 15.4460,
28.4540

■ 255.0000, -0.0000,
-0.0000

■ 59.1880, 15.1710,
27.9310

■ 134.1390, 16.8670,
30.2350

■ 35.0030, 14.2540,
28.0300

■ 160.8510, 17.7380,
30.9700

■ 17.8730, 11.5040,
22.8000

■ 188.5630, 18.6090,
31.7050

■ 5.9110, -0.8270,
9.4850

■ 216.3890, 19.1590,
32.7510

■ 0.0000, 0.0000,
0.0000

■ 233.8680, 9.9000,
18.8280

■ 250.3040, 2.2000,

4.1840

■ 83.6010, 15.4460,
28.4540

■ 83.6010, 15.4460,
28.4540

■ 76.5570, 18.7460,
34.7300

■ 90.6450, 12.1460,
22.1780

■ 70.1000, 21.7710,
40.4830

■ 97.1020, 9.1210,
16.4250

■ 62.9420, 25.3920,
46.4480

■ 104.2600, 5.5000,
10.4600

■ 56.4850, 28.4170,
52.2010

■ 110.7170, 2.4750,
4.7070

■ 49.4410, 31.7170,
58.4770

■ 117.7610, -0.8250,
-1.5690

■ 47.6800, 32.5420,
60.0460

■ 124.8050, -4.1250,
-7.8450

■ 131.3760, -7.4710,
-13.2870

■ 138.4200,
-10.7710, -19.5630

■ 144.8770,
-13.7960, -25.3160

Harmonies

Analogous

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



81.9650, -18.1140, 19.9180



83.6010, 15.4460, 28.4540



80.5790, 38.8750, 27.8590

Triad

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



83.6010, 15.4460, 28.4540



77.7550, 33.7020, -16.0740



68.7780, -61.3890, -16.3090

Complementary

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



83.6010, 15.4460, 28.4540



93.3990, -15.4460, -28.4540

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.



65.1300, -51.1170, -26.2610



83.6010, 15.4460, 28.4540



74.6810, 10.1830, -24.8650

Square

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



83.6010, 15.4460, 28.4540



79.4120, 45.5740, 0.0540



67.3100, -25.4410, -29.0330



69.7530, -68.2680, -7.2760

Rectangle

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



83.6010, 15.4460, 28.4540



79.4840, 46.2120, 21.5400



67.3100, -25.4410, -29.0330



67.6380, -58.1790, -19.4190

Sweetspot

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



83.6010, 15.4460, 28.4540



137.6730, 5.7750, 10.9830



67.5690, -17.0590, 17.3170



68.6680, 4.1710, 7.0110



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.



83.6010, 15.4460, 28.4540



99.9910, 23.6960, 44.1440



80.5230, 24.1130, 20.0570



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.



83.6010, 15.4460, 28.4540



99.9910, 23.6960, 44.1440



96.4770, -24.1130, -20.0570



55.4780, 1.6500, 3.1380



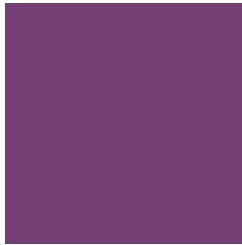
50.1580, 34.1920, 63.1840



102.6800, 70.3550, 129.1950

Previews

White Background



This preview shows how the YIQ color 83.6010, 15.4460, 28.4540 looks on a white background.

Color Contrast Check

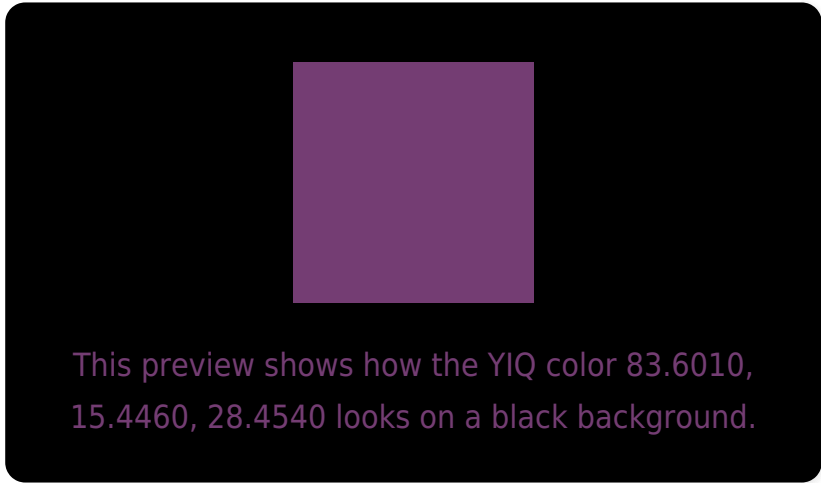
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.6010, 15.4460, 28.4540

Background



This preview shows how black text looks on a background with the YIQ color 83.6010, 15.4460, 28.4540.



This preview shows how white text looks on a background with the YIQ color 83.6010, 15.4460,

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

83.6010, 15.4460, 28.4540

Protanopia

80.4320, -27.0990, 12.0450

Deuteranopia

82.0280, -14.3980, 7.6340



Tritanopia

82.8290, 22.8310, 10.2470

Trichromacy



Original Color

83.6010, 15.4460, 28.4540

Protanomaly

81.6190, -11.3280, 18.0800

Deuteranomaly

82.8170, -3.2580, 14.9980

Tritanomaly

83.3760, 20.0330, 16.9050

Monochromacy



Original Color

83.6010, 15.4460, 28.4540

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.1460, 5.8210, 10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.6010, 15.4460, 28.4540 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(116, 61, 115)` looks like.

```
.text, #text, p{  
    color:rgb(116, 61, 115)  
}
```

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(116, 61, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 61, 115) }
```

Border

The CSS property to change the border of an element to YIQ 83.6010, 15.4460, 28.4540 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(116, 61, 115) }
```


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

```
.border{ border-color:rgb(116, 61, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 61, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 61, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 61, 115);  
box-shadow:4px 4px 4px 4px rgb(116, 61,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 83.6010, 15.4460, 28.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 61, 115) }
```

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

```
.background{ background-color: rgb(116, 61,  
115) }
```

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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