

Converting Colors

YIQ(77.6530, 17.6950, 15.2230)

Have a look what the booklet for
YIQ(77.6530, 17.6950, 15.2230)
contains.

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Color

**YIQ(77.6530, 17.6950,
15.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	683F54
RGB	104, 63, 84
RGB Percent	41%, 25%, 33%
CMY	0.5920, 0.7530, 0.6705
CMYK	0.00, 0.39, 0.19, 0.59
HSL	329°, 25%, 33%
HSV	329°, 39%, 41%
XYZ	9.0895, 7.1382, 9.2891
YIQ	77.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

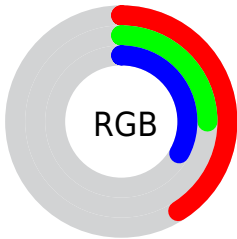
Format	Color
R_{YB}	104, 63, 84
Decimal	6831956
CIE _{Lab}	32.12, 21.24, -5.08
CIE _{LCh}	32, 21.838, 346.549
Yxy	7.1382, 0.3562, 0.2797
Android (android.graphics.Color)	4285022036 (0xFF683F54)
YUV	77.6530, 3.1291, 23.1063
Hunter-Lab	26.7173, 13.9722, -1.9118

Details

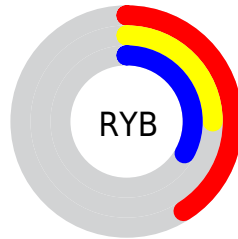
The YIQ color **77.6530, 17.6950, 15.2230** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **89.3470, -17.6950, -15.2230**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.0770, 19.4370, 16.6930**, and **32.0440, 15.0360, 13.8520** is the 20% darker color. If you saturate the color by 10%, you get **71.2130, 22.0500, 18.8980**, and if you desaturate by 10%, it is **84.0930, 13.3400, 11.5480**.

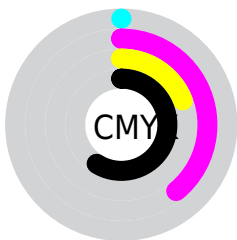
Distribution



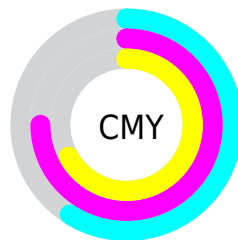
- Red (41%)
- Green (25%)
- Blue (33%)



- Red (41%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (59%)



- Cyan (59%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.6530, 17.6950, 15.2230 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 77.6530, 17.6950, 15.2230 by changing the saturation by 10% instead.

■ 77.6530, 17.6950,
15.2230

■ 77.6530, 17.6950,
15.2230

■ 255.0000, -0.0000,
-0.0000

■ 54.0550, 16.5030,
14.7990

■ 127.0770, 19.4370,
16.6930

■ 32.3430, 15.6320,
14.0640

■ 153.3760, 20.0330,
16.9050

■ 12.9300, 15.3570,
13.5410

■ 180.6750, 20.6290,
17.1170

■ 0.0000, 0.0000,
0.0000

■ 208.2730, 21.8210,
17.5410

■ 232.5000, 13.7520,
15.0960

■ 250.3040, 2.2000,

4.1840

■ 77.6530, 17.6950,
15.2230

■ 77.6530, 17.6950,
15.2230

■ 71.2130, 22.0500,
18.8980

■ 84.0930, 13.3400,
11.5480

■ 64.1860, 26.6800,
23.0960

■ 91.1200, 8.7100,
7.3500

■ 57.7460, 31.0350,
26.7710

■ 97.5600, 4.3550,
3.6750

■ 50.7190, 35.6650,
30.9690

■ 104.5870, -0.2750,
-0.5230

■ 44.2790, 40.0200,
34.6440

■ 111.0270, -4.6300,
-4.1980

■ 37.8390, 44.3750,
38.3190

■ 117.4670, -8.9850,
-7.8730

■ 37.1380, 44.9710,
38.5310

■ 124.6080,
-13.9360, -11.7600

■ 131.0480,
-18.2910, -15.4350

■ 138.0750,
-22.9210, -19.6330

Harmonies

Analogous

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



77.8130, 2.5650, 14.0930



77.6530, 17.6950, 15.2230



76.6230, 26.4070, 11.5190

Triad

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



77.6530, 17.6950, 15.2230



73.5970, 10.9600, -11.4080



60.4200, -54.3290, -12.0970

Complementary

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



77.6530, 17.6950, 15.2230



89.3470, -17.6950, -15.2230

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.



61.3790, -47.0840, -16.7480



77.6530, 17.6950, 15.2230



71.2900, -4.3530, -14.7290

Square

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



77.6530, 17.6950, 15.2230



75.1580, 22.7420, -4.6660



67.4110, -23.7470, -15.6750



70.1500, -35.5330, -0.3090

Rectangle

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



77.6530, 17.6950, 15.2230



75.9450, 28.1960, 6.6280



67.4110, -23.7470, -15.6750



60.1380, -53.5950, -14.3870

Sweetspot

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



77.6530, 17.6950, 15.2230



124.6960, 6.9680, 5.8800



73.6540, -1.2410, 16.9910



62.5600, 4.3550, 3.6750



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



77.6530, 17.6950, 15.2230



94.4850, 27.2760, 23.3080



75.3730, 24.1150, 9.0030



47.8370, 2.0170, 1.9930



41.1110, 49.6010, 42.7290



86.4940, 104.4280, 89.8680

Inverse Universe

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



77.6530, 17.6950, 15.2230



94.4850, 27.2760, 23.3080



91.6270, -24.1150, -9.0030



47.8370, 2.0170, 1.9930



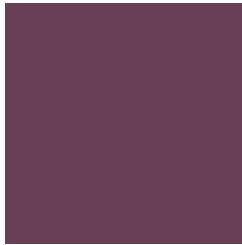
41.1110, 49.6010, 42.7290



86.4940, 104.4280, 89.8680

Previews

White Background



This preview shows how the YIQ color 77.6530, 17.6950, 15.2230 looks on a white background.

Color Contrast Check

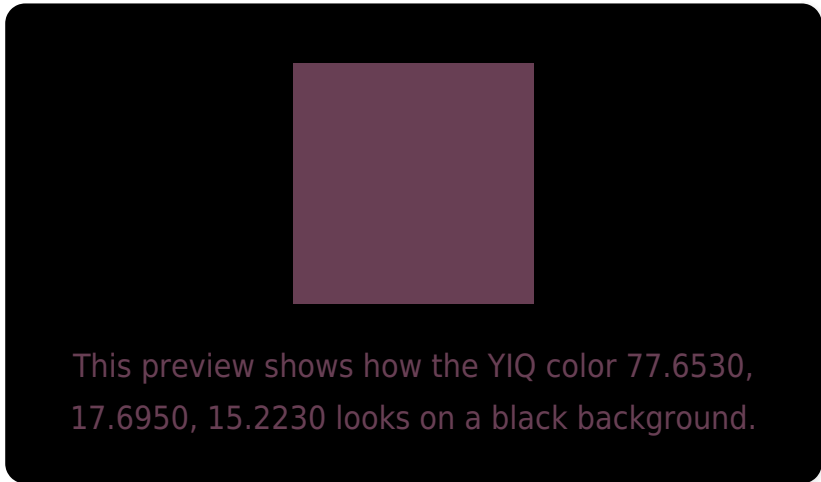
Large Text (above 18pt) WCAG AA ✓ Pass

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

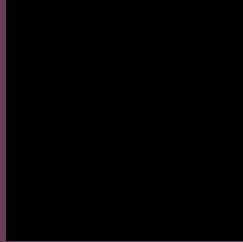
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.6530, 17.6950, 15.2230

Background



This preview shows how black text looks on a background with the YIQ color 77.6530, 17.6950, 15.2230.



This preview shows how white text looks on a background with the YIQ color 77.6530, 17.6950,

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

77.6530, 17.6950, 15.2230

Protanopia

76.0410, -7.2450, 4.6510

Deuteranopia

77.0050, 1.6040, 3.9720



Tritanopia

77.5190, 20.7680, 9.0880

Trichromacy



Original Color

77.6530, 17.6950, 15.2230

Protanomaly

76.9390, 1.9700, 8.3540

Deuteranomaly

77.1630, 7.1510, 8.0710

Tritanomaly

77.5020, 19.4380, 11.1660

Monochromacy



Original Color

77.6530, 17.6950, 15.2230

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.9840, 6.0970, 5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.6530, 17.6950, 15.2230 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(104, 63, 84)` looks like.

```
.text, #text, p{  
    color:rgb(104, 63, 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(104, 63, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 63, 84) }
```

Border

The CSS property to change the border of an element to YIQ 77.6530, 17.6950, 15.2230 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(104, 63, 84) }
```


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

```
.border{ border-color:rgb(104, 63, 84) }
```

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

Here you see how a box with a 4 pixel rgb(104, 63, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 63, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 63, 84);  
box-shadow:4px 4px 4px 4px rgb(104, 63,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 77.6530, 17.6950, 15.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 63, 84) }
```

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

```
.background{ background-color: rgb(104, 63,  
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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