

Converting Colors

YIQ(78.2330, 36.4930, 15.9570)

Have a look what the booklet for
YIQ(78.2330, 36.4930, 15.9570)
contains.

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Color

**YIQ(78.2330, 36.4930,
15.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3A41
RGB	123, 58, 65
RGB Percent	48%, 23%, 25%
CMY	0.5175, 0.7726, 0.7450
CMYK	0.00, 0.53, 0.47, 0.52
HSL	353°, 36%, 35%
HSV	353°, 53%, 48%
XYZ	10.6410, 7.6194, 5.9163
YIQ	78.2330, 36.4930, 15.9570

Conversions

Conversions Part 2

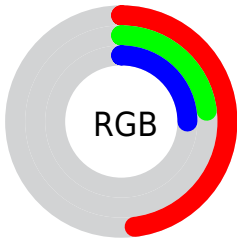
Format	Color
R_{YB}	123, 58, 65
Decimal	8075841
CIE _{Lab}	33.18, 29.01, 9.04
CIE _{LCh}	33, 30.386, 17.301
Yxy	7.6194, 0.4401, 0.3152
Android (android.graphics.Color)	4286265921 (0xFF7B3A41)
YUV	78.2330, -6.5239, 39.2607
Hunter-Lab	27.6032, 20.5061, 6.6145




Details

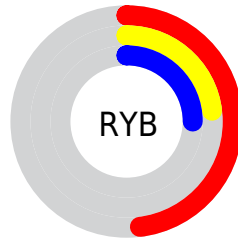
The YIQ color **78.2330, 36.4930, 15.9570** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.7670, -36.4930, -15.9570**, and the grayscale version is **78.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **128.9130, 40.3900, 16.9180**, and **29.4220, 31.5870, 16.7630** is the 20% darker color. If you saturate the color by 10%, you get **69.9350, 43.3240, 18.8120**, and if you desaturate by 10%, it is **86.5310, 29.6620, 13.1020**.

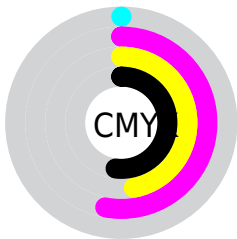
Distribution







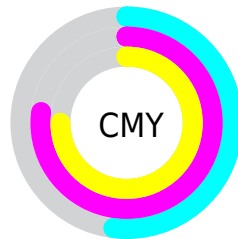
-  Red (48%)
-  Green (23%)
-  Blue (25%)






-  Red (48%)
-  Yellow (23%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (53%)
-  Yellow (47%)
-  Black (52%)



-  Cyan (52%)
-  Magenta (77%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.2330, 36.4930, 15.9570 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 78.2330, 36.4930, 15.9570 by changing the saturation by 10% instead.

■ 78.2330, 36.4930,
15.9570

■ 78.2330, 36.4930,
15.9570

255.0000, -0.0000,
-0.0000

■ 53.5640, 34.0630,
15.9430

■ 128.9130, 40.3900,
16.9180

■ 29.7210, 32.1830,
16.9750

■ 155.6960, 42.4990,
17.2430

■ 14.0530, 28.0120,
9.9640

■ 182.5930, 44.2870,
17.8790

■ 0.0000, 0.0000,
0.0000

■ 207.7880, 39.2440,
15.6600

■ 227.4160, 22.5560,
9.7240

■ 247.1580, 5.5470,

4.0990

■ 78.2330, 36.4930,
15.9570

■ 78.2330, 36.4930,
15.9570

■ 69.9350, 43.3240,
18.8120

■ 86.5310, 29.6620,
13.1020

■ 61.0500, 50.4300,
22.1900

■ 95.4160, 22.5560,
9.7240

■ 52.7520, 57.2610,
25.0450

■ 103.7140, 15.7250,
6.8690

■ 44.4540, 64.0920,
27.9000

■ 112.0120, 8.8940,
4.0140

■ 38.2590, 69.1350,
30.1190

■ 120.3100, 2.0630,
1.1590

■ 129.1950, -5.0430,
-2.2190

■ 137.4930,
-11.8740, -5.0740

■ 145.7910,
-18.7050, -7.9290

■ 154.6760,
-25.8110, -11.3070

Harmonies

Analogous

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



79.7620, 24.9380, 21.6260



78.2330, 36.4930, 15.9570



77.5670, 38.0080, 5.0160

Triad

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



78.2330, 36.4930, 15.9570



70.7470, -7.3780, -20.4820



63.5580, -63.2250, -5.0570

Complementary

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



78.2330, 36.4930, 15.9570



102.7670, -36.4930, -15.9570

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.



64.5380, -60.4730, -10.8810



78.2330, 36.4930, 15.9570



59.8810, -45.9820, -25.7100

Square

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



78.2330, 36.4930, 15.9570



74.2890, 14.5830, -16.4970



63.3180, -54.2820, -18.4580



77.2860, -23.7520, 11.9600

Rectangle

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



78.2330, 36.4930, 15.9570



76.8450, 33.9290, -3.6630



63.3180, -54.2820, -18.4580



63.8030, -62.5370, -6.5130

Sweetspot

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



78.2330, 36.4930, 15.9570



143.1160, 14.5330, 6.4450



82.4530, 13.1070, 32.2990



71.0120, 8.8940, 4.0140



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



78.2330, 36.4930, 15.9570



90.7520, 57.2610, 25.0450



92.1100, 31.8650, 0.7050



56.9080, 3.2550, 1.5830



38.9710, 70.0060, 30.8540



78.4260, 141.5250, 61.8210

Inverse Universe

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



78.2330, 36.4930, 15.9570



90.7520, 57.2610, 25.0450



88.8900, -31.8650, -0.7050



56.9080, 3.2550, 1.5830



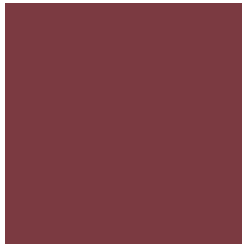
38.9710, 70.0060, 30.8540



78.4260, 141.5250, 61.8210

Previews

White Background



This preview shows how the YIQ color 78.2330, 36.4930, 15.9570 looks on a white background.

Color Contrast Check

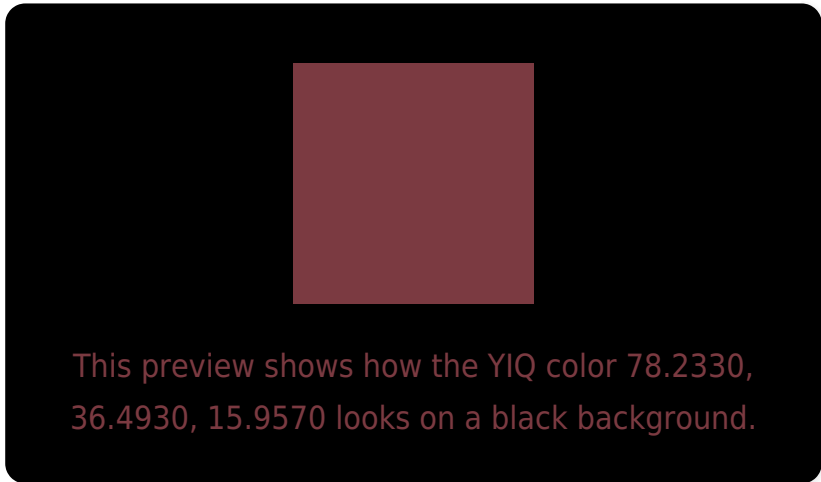
Large Text (above 18pt) WCAG AA ✓ Pass

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

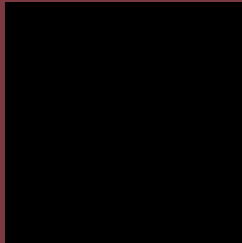
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.2330, 36.4930, 15.9570

Background



This preview shows how black text looks on a background with the YIQ color 78.2330, 36.4930, 15.9570.



This preview shows how white text looks on a background with the YIQ color 78.2330, 36.4930,

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

78.2330, 36.4930, 15.9570

Protanopia

78.5550, 2.7510, -0.2970

Deuteranopia

79.1880, 14.0300, -0.9620



Tritanopia

77.8910, 37.4560, 15.0240

Trichromacy



Original Color

78.2330, 36.4930, 15.9570

Protanomaly

78.4750, 14.9000, 5.3000

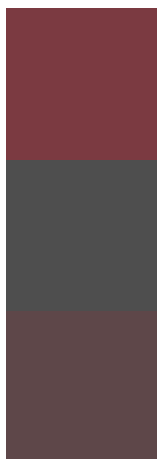
Deuteranomaly

78.4820, 22.1900, 5.3420

Tritanomaly

78.0050, 37.1350, 15.3350

Monochromacy



Original Color

78.2330, 36.4930, 15.9570

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.1050, 13.0660, 5.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.2330, 36.4930, 15.9570 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(123, 58, 65)` looks like.

```
.text, #text, p{  
    color:rgb(123, 58, 65)  
}
```

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(123, 58, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 58, 65) }
```

Border

The CSS property to change the border of an element to YIQ 78.2330, 36.4930, 15.9570 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(123, 58, 65) }
```


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

```
.border{ border-color:rgb(123, 58, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 58, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 58, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 58, 65);  
box-shadow:4px 4px 4px 4px rgb(123, 58,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 78.2330, 36.4930, 15.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 58, 65) }
```

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

```
.background{ background-color: rgb(123, 58,  
65) }
```

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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