

Converting Colors

YIQ(73.8170, 23.1050, 16.2970)

Have a look what the booklet for
YIQ(73.8170, 23.1050, 16.2970)
contains.

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Color

**YIQ(73.8170, 23.1050,
16.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	6A394C
RGB	106, 57, 76
RGB Percent	42%, 22%, 30%
CMY	0.5842, 0.7765, 0.7019
CMYK	0.00, 0.46, 0.28, 0.58
HSL	337°, 30%, 32%
HSV	337°, 46%, 42%
XYZ	8.7151, 6.5125, 7.6388
YIQ	73.8170, 23.1050, 16.2970

Conversions

Conversions Part 2

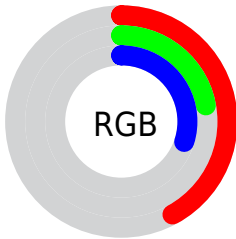
Format	Color
R_{YB}	106, 57, 76
Decimal	6961484
CIE _{Lab}	30.67, 24.30, -2.02
CIE _{LCh}	31, 24.385, 355.246
Yxy	6.5125, 0.3811, 0.2848
Android (android.graphics.Color)	4285151564 (0xFF6A394C)
YUV	73.8170, 1.0762, 28.2245
Hunter-Lab	25.5196, 16.2994, 0.1164

Details

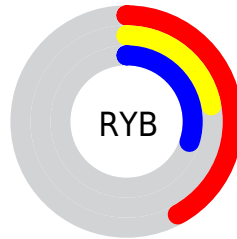
The YIQ color **73.8170, 23.1050, 16.2970** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **89.1830, -23.1050, -16.2970**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4260, 25.7640, 17.6680**, and **27.7350, 20.4000, 15.7600** is the 20% darker color. If you saturate the color by 10%, you get **66.6760, 28.0560, 20.1840**, and if you desaturate by 10%, it is **81.0720, 17.8330, 12.7210**.

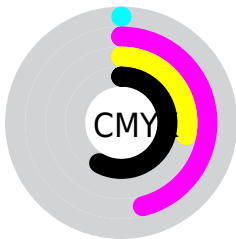
Distribution



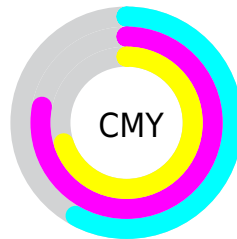
- Red (42%)
- Green (22%)
- Blue (30%)



- Red (42%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (46%)
- Yellow (28%)
- Black (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.8170, 23.1050, 16.2970 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 73.8170, 23.1050, 16.2970 by changing the saturation by 10% instead.

73.8170, 23.1050,
16.2970

73.8170, 23.1050,
16.2970

255.0000, -0.0000,
-0.0000

50.2190, 21.9130,
15.8730

123.4260, 25.7640,
17.6680

27.7350, 20.4000,
15.7600

149.7250, 26.3600,
17.8800

12.2740, 20.0800,
10.5440

176.3230, 27.5520,
18.3040

0.0000, 0.0000,
0.0000

204.0350, 28.4230,
19.0390

227.2510, 18.8870,
15.6470

246.7820, 3.8500,

7.3220

■ 73.8170, 23.1050,
16.2970

■ 73.8170, 23.1050,
16.2970

■ 66.6760, 28.0560,
20.1840

■ 81.0720, 17.8330,
12.7210

■ 60.0080, 33.0530,
23.2370

■ 87.6260, 13.1570,
9.3570

■ 52.8670, 38.0040,
27.1240

■ 94.7670, 8.2060,
5.4700

■ 46.1990, 43.0010,
30.1770

■ 101.4350, 3.2090,
2.4170

■ 39.0580, 47.9520,
34.0640

■ 108.5760, -1.7420,
-1.4700

■ 36.3680, 50.0150,
35.2230

■ 115.8310, -7.0140,
-5.0460

■ 122.3850,
-11.6900, -8.4100

■ 129.6400,
-16.9620, -11.9860

■ 136.1940,
-21.6380, -15.3500

Harmonies

Analogous

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



74.3300, 8.4790, 17.0470



73.8170, 23.1050, 16.2970



72.8360, 30.1210, 10.2890

Triad

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



73.8170, 23.1050, 16.2970



69.1620, 7.7510, -13.8250



58.7020, -55.0630, -9.8070

Complementary

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



73.8170, 23.1050, 16.2970



89.1830, -23.1050, -16.2970

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.



58.1660, -50.7980, -15.5180



73.8170, 23.1050, 16.2970



66.1150, -11.2300, -16.7500

Square

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



73.8170, 23.1050, 16.2970



70.9790, 21.6880, -7.5920



59.1750, -37.8220, -19.4060



67.0300, -35.0750, 2.4050

Rectangle

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



73.8170, 23.1050, 16.2970



72.1470, 30.4430, 4.4510



59.1750, -37.8220, -19.4060



58.8330, -54.0540, -11.5740

Sweetspot

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



73.8170, 23.1050, 16.2970



124.8920, 9.3520, 6.7280



71.2570, 1.5550, 21.3870



61.1580, 5.5470, 4.0990



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.



73.8170, 23.1050, 16.2970



87.4430, 36.2620, 25.6540



74.5860, 27.8290, 7.7730



50.0220, 2.9340, 1.8940



40.2270, 54.9660, 39.1100



84.0850, 115.5250, 81.4850

Inverse Universe

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



73.8170, 23.1050, 16.2970



87.4430, 36.2620, 25.6540



88.4140, -27.8290, -7.7730



50.0220, 2.9340, 1.8940



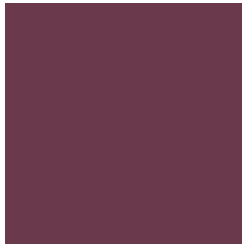
40.2270, 54.9660, 39.1100



84.0850, 115.5250, 81.4850

Previews

White Background



This preview shows how the YIQ color 73.8170, 23.1050, 16.2970 looks on a white background.

Color Contrast Check

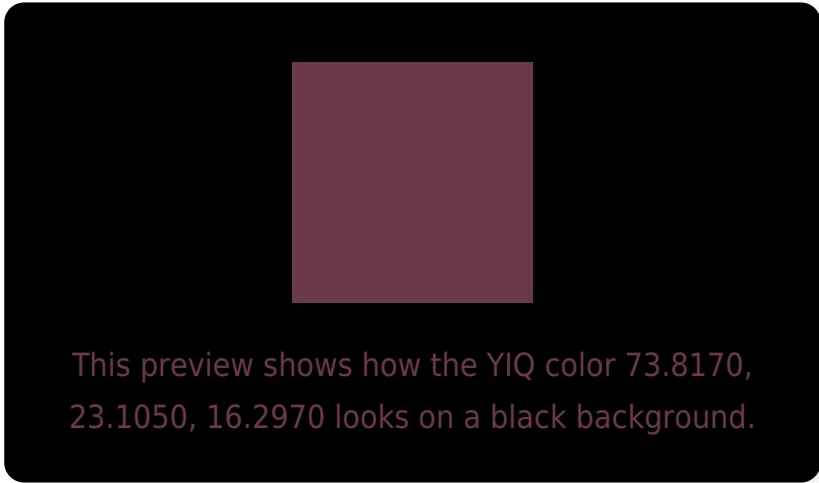
Large Text (above 18pt) WCAG AA ✓ Pass

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

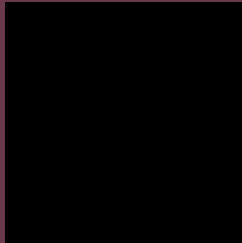
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.8170, 23.1050, 16.2970

Background



This preview shows how black text looks on a background with the YIQ color 73.8170, 23.1050, 16.2970.



This preview shows how white text looks on a background with the YIQ color 73.8170, 23.1050,

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

73.8170, 23.1050, 16.2970

Protanopia

72.8840, -5.3650, 3.6190

Deuteranopia

73.1470, 4.0800, 3.1520



Tritanopia

73.3240, 25.8110, 11.3070

Trichromacy



Original Color

73.8170, 23.1050, 16.2970

Protanomaly

73.4940, 4.7210, 8.0570

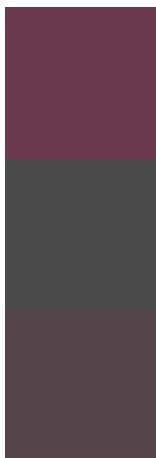
Deuteranomaly

73.3160, 11.0940, 8.1980

Tritanomaly

73.1930, 24.8020, 13.0740

Monochromacy



Original Color

73.8170, 23.1050, 16.2970

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.1800, 8.4810, 5.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.8170, 23.1050, 16.2970 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(106, 57, 76)` looks like.

```
.text, #text, p{  
    color:rgb(106, 57, 76)  
}
```

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(106, 57, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 57, 76) }
```

Border

The CSS property to change the border of an element to YIQ 73.8170, 23.1050, 16.2970 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(106, 57, 76) }
```


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

```
.border{ border-color:rgb(106, 57, 76) }
```

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

Here you see how a box with a 4 pixel rgb(106, 57, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 57, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 57, 76);  
box-shadow:4px 4px 4px 4px rgb(106, 57,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 73.8170, 23.1050, 16.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 57, 76) }
```

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

```
.background{ background-color: rgb(106, 57,  
76) }
```

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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