

Converting Colors

YIQ(75.4830, 21.5900, 27.2380)

Have a look what the booklet for
YIQ(75.4830, 21.5900, 27.2380)
contains.

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Color

**YIQ(75.4830, 21.5900,
27.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	713462
RGB	113, 52, 98
RGB Percent	44%, 20%, 38%
CMY	0.5567, 0.7962, 0.6156
CMYK	0.00, 0.54, 0.13, 0.56
HSL	315°, 37%, 32%
HSV	315°, 54%, 44%
XYZ	10.2478, 6.8494, 12.3404
YIQ	75.4830, 21.5900, 27.2380

Conversions

Conversions Part 2

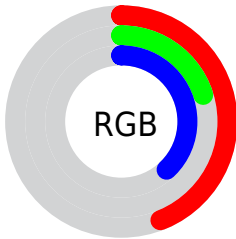
Format	Color
R_{YB}	113, 52, 98
Decimal	7418978
CIE _{Lab}	31.46, 33.40, -14.96
CIE _{LCh}	31, 36.597, 335.877
Yxy	6.8494, 0.3481, 0.2327
Android (android.graphics.Color)	4285609058 (0xFF713462)
YUV	75.4830, 11.1009, 32.9024
Hunter-Lab	26.1714, 24.0943, -9.6365

Details

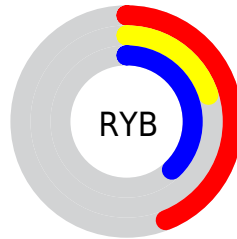
The YIQ color **75.4830, 21.5900, 27.2380** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.5170, -21.5900, -27.2380**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.9070, 23.3320, 28.7080**, and **25.8250, 20.6270, 28.1710** is the 20% darker color. If you saturate the color by 10%, you get **68.6840, 25.5780, 32.0580**, and if you desaturate by 10%, it is **82.2820, 17.6020, 22.4180**.

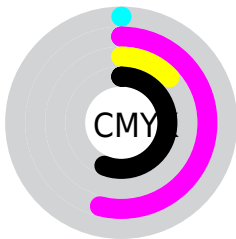
Distribution



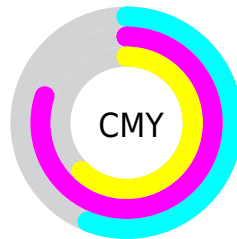
- Red (44%)
- Green (20%)
- Blue (38%)



- Red (44%)
- Yellow (20%)
- Blue (38%)



- Cyan (0%)
- Magenta (54%)
- Yellow (13%)
- Black (56%)



- Cyan (56%)
- Magenta (80%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.4830, 21.5900, 27.2380 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 75.4830, 21.5900, 27.2380 by changing the saturation by 10% instead.

75.4830, 21.5900,
27.2380

75.4830, 21.5900,
27.2380

255.0000, -0.0000,
-0.0000

50.8850, 20.3980,
26.8140

125.9070, 23.3320,
28.7080

25.8250, 20.6270,
28.1710

152.6190, 24.2030,
29.4430

16.0920, 15.0810,
18.5450

179.6300, 25.6700,
30.3900

0.1140, -0.3210,
0.3110

207.9290, 26.2660,
30.6020

0.0000, 0.0000,
0.0000

227.9980, 12.6500,
24.0580

244.4340, 4.9500,

9.4140

■ 75.4830, 21.5900,
27.2380

■ 75.4830, 21.5900,
27.2380

■ 68.6840, 25.5780,
32.0580

■ 82.2820, 17.6020,
22.4180

■ 61.2980, 29.8410,
37.4010

■ 89.6680, 13.3390,
17.0750

■ 54.6130, 33.5080,
42.5320

■ 96.3530, 9.6720,
11.9440

■ 47.8140, 37.4960,
47.3520

■ 103.1520, 5.6840,
7.1240

■ 43.4770, 40.0630,
50.3910

■ 110.5380, 1.4210,
1.7810

■ 117.3370, -2.5670,
-3.0390

■ 124.0220, -6.2340,
-8.1700

■ 130.8210,
-10.2220, -12.9900

■ 138.2070,
-14.4850, -18.3330

Harmonies

Analogous

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



75.8800, -7.5690, 21.5430



75.4830, 21.5900, 27.2380



73.2430, 39.7010, 23.9010

Triad

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



75.4830, 21.5900, 27.2380



69.6940, 26.5040, -17.7840



63.2670, -58.2720, -12.2240

Complementary

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



75.4830, 21.5900, 27.2380



89.5170, -21.5900, -27.2380

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.



60.6620, -49.5590, -21.4550



75.4830, 21.5900, 27.2380



67.0160, 1.9300, -23.9740

Square

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



75.4830, 21.5900, 27.2380



71.8410, 39.7520, -4.5680



56.0680, -39.3790, -29.7390



63.0850, -63.2710, -4.2230

Rectangle

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



75.4830, 21.5900, 27.2380



72.5390, 44.3790, 16.2110



56.0680, -39.3790, -29.7390



62.8280, -55.6580, -15.5460

Sweetspot

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



75.4830, 21.5900, 27.2380



133.2280, 8.5260, 10.6860



63.1400, -11.2370, 21.9390



65.3260, 5.1340, 6.0780



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



75.4830, 21.5900, 27.2380



88.9120, 34.1040, 42.7440



72.0630, 31.2200, 17.9080



52.3640, 1.9710, 2.8270



46.1400, 42.6300, 53.4300



95.0570, 87.5060, 110.2100

Inverse Universe

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



75.4830, 21.5900, 27.2380



88.9120, 34.1040, 42.7440



92.9370, -31.2200, -17.9080



52.3640, 1.9710, 2.8270



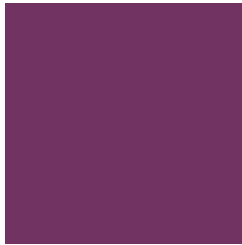
46.1400, 42.6300, 53.4300



95.0570, 87.5060, 110.2100

Previews

White Background



This preview shows how the YIQ color 75.4830, 21.5900, 27.2380 looks on a white background.

Color Contrast Check

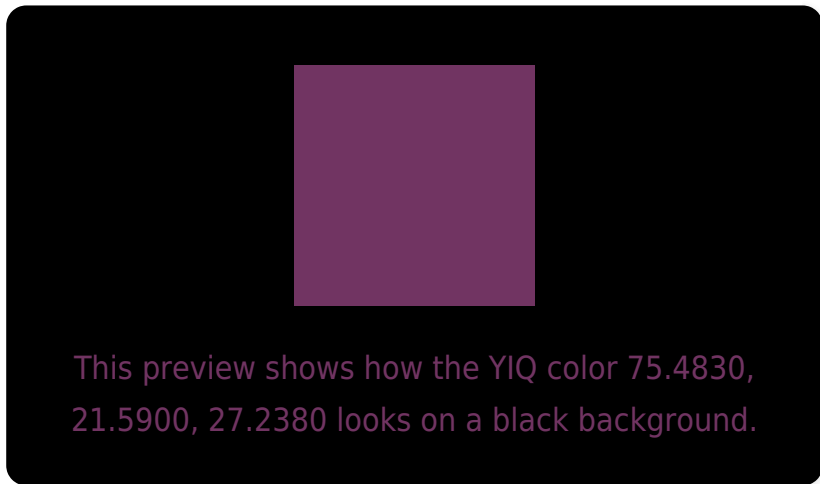
Large Text (above 18pt) WCAG AA ✓ Pass

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

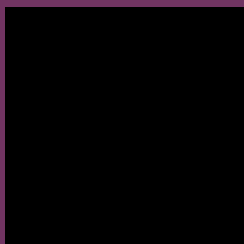
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.4830, 21.5900, 27.2380

Background



This preview shows how black text looks on a background with the YIQ color 75.4830, 21.5900, 27.2380.



This preview shows how white text looks on a background with the YIQ color 75.4830, 21.5900,

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

75.4830, 21.5900, 27.2380

Protanopia

73.9010, -21.2300, 10.3060

Deuteranopia

75.0950, -7.3370, 6.3190



Tritanopia

75.1070, 27.9200, 11.6320

Trichromacy



Original Color

75.4830, 21.5900, 27.2380

Protanomaly

74.2020, -5.7800, 16.6520

Deuteranomaly

74.9980, 3.4820, 13.9940

Tritanomaly

75.0130, 25.4890, 17.1450

Monochromacy



Original Color

75.4830, 21.5900, 27.2380

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.4020, 7.9760, 9.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.4830, 21.5900, 27.2380 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(113, 52, 98)` looks like.

```
.text, #text, p{  
    color:rgb(113, 52, 98)  
}
```

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(113, 52, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 52, 98) }
```

Border

The CSS property to change the border of an element to YIQ 75.4830, 21.5900, 27.2380 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(113, 52, 98) }
```


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

```
.border{ border-color:rgb(113, 52, 98) }
```

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

Here you see how a box with a 4 pixel rgb(113, 52, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 52, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 52, 98);  
box-shadow:4px 4px 4px 4px rgb(113, 52,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 75.4830, 21.5900, 27.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 52, 98) }
```

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

```
.background{ background-color: rgb(113, 52,  
98) }
```

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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