

Converting Colors

YIQ(75.9040, 18.2460, 10.7420)

Have a look what the booklet for
YIQ(75.9040, 18.2460, 10.7420)
contains.

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Color

**YIQ(75.9040, 18.2460,
10.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	64404A
RGB	100, 64, 74
RGB Percent	39%, 25%, 29%
CMY	0.6078, 0.7491, 0.7097
CMYK	0.00, 0.36, 0.26, 0.61
HSL	343°, 22%, 32%
HSV	343°, 36%, 39%
XYZ	8.3273, 6.8704, 7.3687
YIQ	75.9040, 18.2460, 10.7420

Conversions

Conversions Part 2

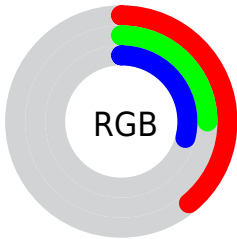
Format	Color
R_{YB}	100, 64, 74
Decimal	6570058
CIE _{Lab}	31.51, 17.29, 0.41
CIE _{LCh}	32, 17.291, 1.361
Yxy	6.8704, 0.3690, 0.3045
Android (android.graphics.Color)	4284760138 (0xFF64404A)
YUV	75.9040, -0.9387, 21.1322
Hunter-Lab	26.2114, 10.8387, 1.6801

Details

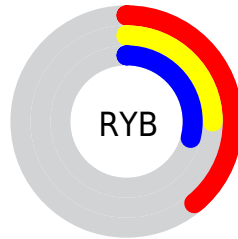
The YIQ color **75.9040, 18.2460, 10.7420** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.0960, -18.2460, -10.7420**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.2140, 20.3090, 11.9010**, and **30.7080, 15.8620, 9.8940** is the 20% darker color. If you saturate the color by 10%, you get **69.2360, 23.2430, 13.7950**, and if you desaturate by 10%, it is **82.5720, 13.2490, 7.6890**.

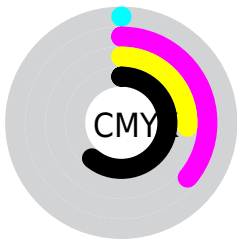
Distribution



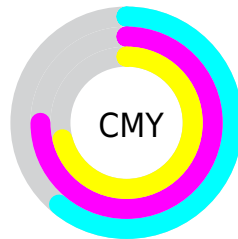
- Red (39%)
- Green (25%)
- Blue (29%)



- Red (39%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (26%)
- Black (61%)



- Cyan (61%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.9040, 18.2460, 10.7420 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 75.9040, 18.2460, 10.7420 by changing the saturation by 10% instead.

■ 75.9040, 18.2460,
10.7420

■ 75.9040, 18.2460,
10.7420

■ 255.0000, -0.0000,
-0.0000

■ 52.8930, 16.7790,
9.7950

■ 125.2140, 20.3090,
11.9010

■ 30.7080, 15.8620,
9.8940

■ 151.3990, 21.2260,
11.8020

■ 10.4370, 18.0630,
8.5510

■ 178.1110, 22.0970,
12.5370

■ 0.0000, 0.0000,
0.0000

■ 205.4100, 22.6930,
12.7490

■ 231.0180, 17.9250,
11.0530

■ 250.8910, 1.9250,

3.6610

■ 75.9040, 18.2460,
10.7420

■ 75.9040, 18.2460,
10.7420

■ 69.2360, 23.2430,
13.7950

■ 82.5720, 13.2490,
7.6890

■ 62.5680, 28.2400,
16.8480

■ 89.2400, 8.2520,
4.6360

■ 55.7860, 33.5580,
19.5900

■ 96.0220, 2.9340,
1.8940

■ 49.1180, 38.5550,
22.6430

■ 102.6900, -2.0630,
-1.1590

■ 42.4500, 43.5520,
25.6960

■ 109.3580, -7.0600,
-4.2120

■ 35.7820, 48.5490,
28.7490

■ 116.0260,
-12.0570, -7.2650

■ 33.0920, 50.6120,
29.9080

■ 122.8080,
-17.3750, -10.0070

■ 129.4760,
-22.3720, -13.0600

■ 136.1440,
-27.3690, -16.1130

Harmonies

Analogous

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



76.1680, 8.7550, 12.0430



75.9040, 18.2460, 10.7420



75.3080, 22.7400, 6.3880

Triad

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



75.9040, 18.2460, 10.7420



72.2310, 3.3030, -10.3050



68.9070, -30.5350, -2.7830

Complementary

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



75.9040, 18.2460, 10.7420



88.0960, -18.2460, -10.7420

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.



66.2500, -33.2390, -8.8470



75.9040, 18.2460, 10.7420



69.7610, -9.9930, -11.6330

Square

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



75.9040, 18.2460, 10.7420



73.0260, 14.3060, -5.9660



67.9320, -23.6560, -11.8160



72.5820, -19.0740, 4.2700

Rectangle

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



75.9040, 18.2460, 10.7420



74.4880, 22.0530, 2.3170



67.9320, -23.6560, -11.8160



67.6570, -32.8270, -5.2990

Sweetspot

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



75.9040, 18.2460, 10.7420



120.6420, 7.0600, 4.2120



75.8780, 3.9400, 16.7080



60.6200, 4.1260, 2.3180



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



75.9040, 18.2460, 10.7420



92.5680, 28.2400, 16.8480



79.4600, 19.2560, 3.4480



47.6090, 2.6590, 1.3710



38.0330, 58.2680, 34.3320



79.9960, 122.7250, 72.1410

Inverse Universe

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



75.9040, 18.2460, 10.7420



92.5680, 28.2400, 16.8480



84.5400, -19.2560, -3.4480



47.6090, 2.6590, 1.3710



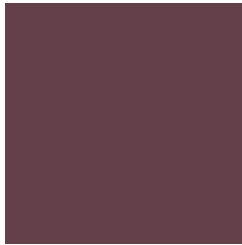
38.0330, 58.2680, 34.3320



79.9960, 122.7250, 72.1410

Previews

White Background



This preview shows how the YIQ color 75.9040, 18.2460, 10.7420 looks on a white background.

Color Contrast Check

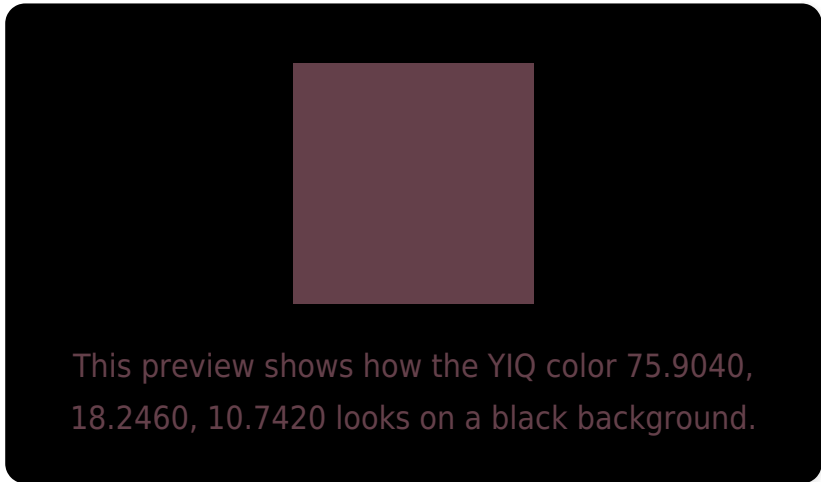
Large Text (above 18pt) WCAG AA ✓ Pass

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

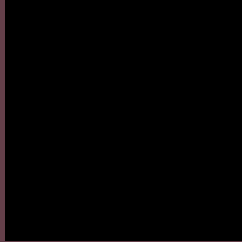
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.9040, 18.2460, 10.7420

Background



This preview shows how black text looks on a background with the YIQ color 75.9040, 18.2460, 10.7420.



This preview shows how white text looks on a background with the YIQ color 75.9040, 18.2460,

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

75.9040, 18.2460, 10.7420

Protanopia

74.6840, -1.9260, 1.8660

Deuteranopia

75.1040, 5.6390, 2.4310



Tritanopia

76.0350, 19.2550, 8.9750

Trichromacy



Original Color

75.9040, 18.2460, 10.7420

Protanomaly

74.7990, 5.1800, 5.2440

Deuteranomaly

75.4360, 10.6360, 5.4840

Tritanomaly

76.1490, 18.9340, 9.2860

Monochromacy



Original Color

75.9040, 18.2460, 10.7420

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.2290, 6.7850, 3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9040, 18.2460, 10.7420 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(100, 64, 74)` looks like.

```
.text, #text, p{  
    color:rgb(100, 64, 74)  
}
```

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(100, 64, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 64, 74) }
```

Border

The CSS property to change the border of an element to YIQ 75.9040, 18.2460, 10.7420 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(100, 64, 74) }
```


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

```
.border{ border-color:rgb(100, 64, 74) }
```

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

Here you see how a box with a 4 pixel rgb(100, 64, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 64, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 64, 74);  
box-shadow:4px 4px 4px 4px rgb(100, 64,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 75.9040, 18.2460, 10.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 64, 74) }
```

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

```
.background{ background-color: rgb(100, 64,  
74) }
```

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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