

Converting Colors

YIQ(71.4320, 25.6270, 14.6430)

Have a look what the booklet for
YIQ(71.4320, 25.6270, 14.6430)
contains.

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Color

**YIQ(71.4320, 25.6270,
14.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	693744
RGB	105, 55, 68
RGB Percent	41%, 22%, 27%
CMY	0.5881, 0.7844, 0.7332
CMYK	0.00, 0.48, 0.35, 0.59
HSL	344°, 31%, 31%
HSV	344°, 48%, 41%
XYZ	8.2388, 6.1532, 6.2260
YIQ	71.4320, 25.6270, 14.6430

Conversions

Conversions Part 2

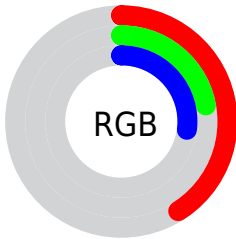
Format	Color
R_{YB}	105, 55, 68
Decimal	6895428
CIE Lab	29.80, 23.89, 1.91
CIE LCh	30, 23.962, 4.565
Yxy	6.1532, 0.3996, 0.2984
Android (android.graphics.Color)	4285085508 (0xFF693744)
YUV	71.4320, -1.6920, 29.4391
Hunter-Lab	24.8057, 15.8757, 2.4827

Details

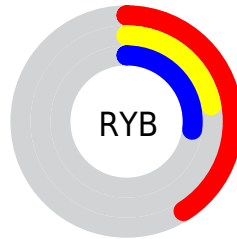
The YIQ color **71.4320, 25.6270, 14.6430** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.5680, -25.6270, -14.6430**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.9270, 28.6070, 15.7030**, and **25.1650, 22.0050, 14.2050** is the 20% darker color. If you saturate the color by 10%, you get **64.0630, 31.2200, 17.9080**, and if you desaturate by 10%, it is **78.2140, 20.3090, 11.9010**.

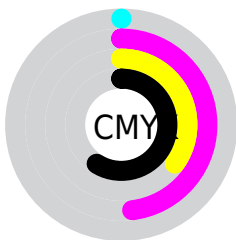
Distribution



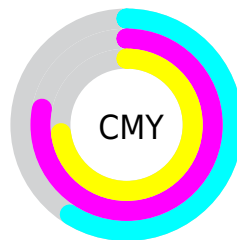
- Red (41%)
- Green (22%)
- Blue (27%)



- Red (41%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (35%)
- Black (59%)



- Cyan (59%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.4320, 25.6270, 14.6430 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 71.4320, 25.6270, 14.6430 by changing the saturation by 10% instead.

71.4320, 25.6270,
14.6430

71.4320, 25.6270,
14.6430

255.0000, -0.0000,
-0.0000

47.9480, 24.1140,
14.5300

120.9270, 28.6070,
15.7030

25.1650, 22.0050,
14.2050

147.5250, 29.7990,
16.1270

11.1770, 21.7310,
8.1550

174.1230, 30.9910,
16.5510

0.0000, 0.0000,
0.0000

201.7210, 32.1830,
16.9750

224.9370, 22.6470,
13.5830

244.6790, 5.6380,

7.9580

■ 71.4320, 25.6270,
14.6430

■ 71.4320, 25.6270,
14.6430

■ 64.0630, 31.2200,
17.9080

■ 78.2140, 20.3090,
11.9010

■ 57.2810, 36.5380,
20.6500

■ 85.5830, 14.7160,
8.6360

■ 50.0260, 41.8100,
24.2260

■ 92.2510, 9.7190,
5.5830

■ 43.2440, 47.1280,
26.9680

■ 99.6200, 4.1260,
2.3180

■ 35.8750, 52.7210,
30.2330

■ 106.4020, -1.1920,
-0.4240

■ 34.4730, 53.9130,
30.6570

■ 113.7710, -6.7850,
-3.6890

■ 121.0260,
-12.0570, -7.2650

■ 127.8080,
-17.3750, -10.0070

■ 135.1770,
-22.9680, -13.2720

Harmonies

Analogous

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



72.5540, 13.6600, 16.7640



71.4320, 25.6270, 14.6430



70.2550, 30.2590, 7.7870

Triad

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



71.4320, 25.6270, 14.6430



66.1120, 2.0200, -14.5880



56.3540, -53.9630, -7.7150

Complementary

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



71.4320, 25.6270, 14.6430



88.5680, -25.6270, -14.6430

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.



56.7470, -50.9360, -13.0160



71.4320, 25.6270, 14.6430



62.9940, -18.1990, -17.1030

Square

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



71.4320, 25.6270, 14.6430



68.3590, 17.5620, -9.9100



55.2820, -45.4330, -19.1370



67.3300, -27.0520, 5.6840

Rectangle

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



71.4320, 25.6270, 14.6430



69.9680, 29.3890, 1.5250



55.2820, -45.4330, -19.1370



57.1860, -53.5500, -9.6940

Sweetspot

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



71.4320, 25.6270, 14.6430



124.5500, 10.3150, 5.7950



71.7630, 6.0020, 23.3940



60.9300, 6.1890, 3.4770



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.



71.4320, 25.6270, 14.6430



85.0150, 40.3430, 23.2790



76.9940, 26.5000, 4.3240



50.0220, 2.9340, 1.8940



38.5170, 59.7810, 34.4450



80.5510, 125.4760, 71.8440

Inverse Universe

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



71.4320, 25.6270, 14.6430



85.0150, 40.3430, 23.2790



83.0060, -26.5000, -4.3240



50.0220, 2.9340, 1.8940



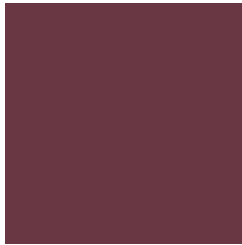
38.5170, 59.7810, 34.4450



80.5510, 125.4760, 71.8440

Previews

White Background



This preview shows how the YIQ color 71.4320, 25.6270, 14.6430 looks on a white background.

Color Contrast Check

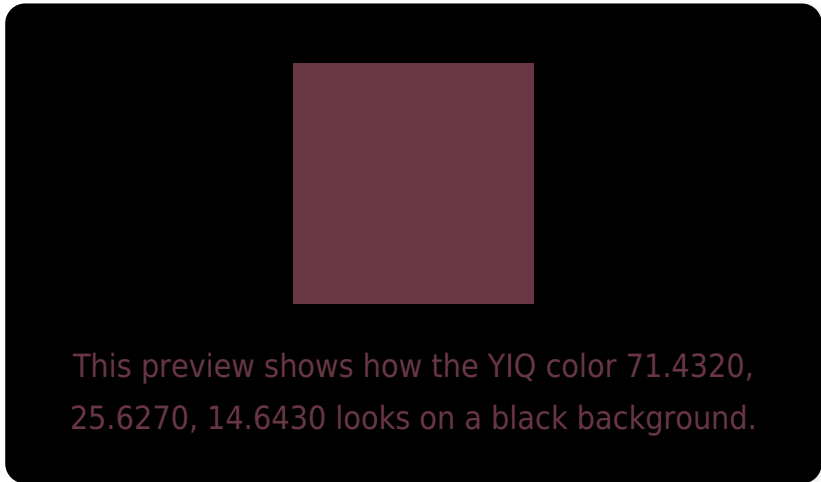
Large Text (above 18pt) WCAG AA ✓ Pass

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

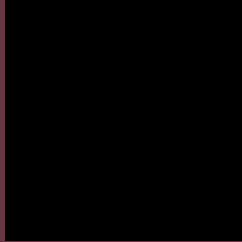
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.4320, 25.6270, 14.6430

Background



This preview shows how black text looks on a background with the YIQ color 71.4320, 25.6270, 14.6430.



This preview shows how white text looks on a background with the YIQ color 71.4320, 25.6270,

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

71.4320, 25.6270, 14.6430

Protanopia

70.7980, -2.2470, 2.1770

Deuteranopia

71.0610, 7.1980, 1.7100



Tritanopia

70.8080, 27.3240, 11.4200

Trichromacy



Original Color

71.4320, 25.6270, 14.6430

Protanomaly

71.4080, 7.8390, 6.6150

Deuteranomaly

70.9310, 13.6160, 6.5440

Tritanomaly

71.1500, 26.3610, 12.3530

Monochromacy



Original Color

71.4320, 25.6270, 14.6430

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.9520, 9.1230, 5.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.4320, 25.6270, 14.6430 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(105, 55, 68)` looks like.

```
.text, #text, p{  
    color:rgb(105, 55, 68)  
}
```

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(105, 55, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 55, 68) }
```

Border

The CSS property to change the border of an element to YIQ 71.4320, 25.6270, 14.6430 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(105, 55, 68) }
```


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

```
.border{ border-color:rgb(105, 55, 68) }
```

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

Here you see how a box with a 4 pixel rgb(105, 55, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 55, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 55, 68);  
box-shadow:4px 4px 4px 4px rgb(105, 55,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 71.4320, 25.6270, 14.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 55, 68) }
```

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

```
.background{ background-color: rgb(105, 55,  
68) }
```

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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