

Converting Colors

YIQ(72.6900, 25.4410, 29.0330)

Have a look what the booklet for
YIQ(72.6900, 25.4410, 29.0330)
contains.

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Color

**YIQ(72.6900, 25.4410,
29.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	732F5E
RGB	115, 47, 94
RGB Percent	45%, 18%, 37%
CMY	0.5488, 0.8158, 0.6313
CMYK	0.00, 0.59, 0.18, 0.55
HSL	319°, 42%, 32%
HSV	319°, 59%, 45%
XYZ	10.1131, 6.4873, 11.3127
YIQ	72.6900, 25.4410, 29.0330

Conversions

Conversions Part 2

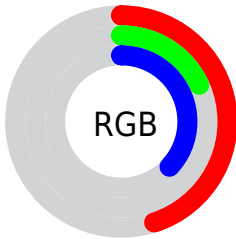
Format	Color
R_{YB}	115, 47, 94
Decimal	7548766
CIE _{Lab}	30.61, 36.02, -13.66
CIE _{LCh}	31, 38.527, 339.233
Yxy	6.4873, 0.3623, 0.2324
Android (android.graphics.Color)	4285738846 (0xFF732F5E)
YUV	72.6900, 10.5058, 37.1059
Hunter-Lab	25.4703, 26.3016, -8.5047

Details

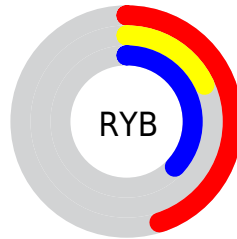
The YIQ color **72.6900, 25.4410, 29.0330** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.3100, -25.4410, -29.0330**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.8860, 27.8250, 29.8810**, and **24.6080, 22.7360, 28.4960** is the 20% darker color. If you saturate the color by 10%, you get **65.1900, 30.0250, 34.0650**, and if you desaturate by 10%, it is **79.6030, 21.1320, 24.5240**.

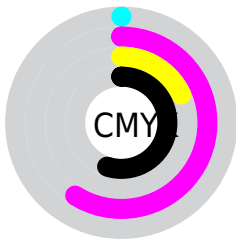
Distribution



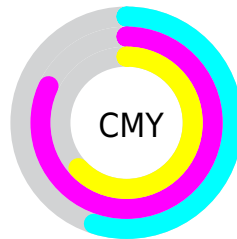
- Red (45%)
- Green (18%)
- Blue (37%)



- Red (45%)
- Yellow (18%)
- Blue (37%)



- Cyan (0%)
- Magenta (59%)
- Yellow (18%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.6900, 25.4410, 29.0330 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 72.6900, 25.4410, 29.0330 by changing the saturation by 10% instead.

■ 72.6900, 25.4410,
29.0330

■ 72.6900, 25.4410,
29.0330

■ 255.0000, -0.0000,
-0.0000

■ 47.5050, 24.5240,
29.1320

■ 123.8860, 27.8250,
29.8810

■ 24.6080, 22.7360,
28.4960

■ 150.0110, 28.9710,
31.1390

■ 15.9350, 16.9610,
17.5130

■ 177.3100, 29.5670,
31.3510

■ 0.0000, 0.0000,
0.0000

■ 205.3210, 31.0340,
32.2980

■ 225.0630, 14.0250,
26.6730

■ 241.4990, 6.3250,

12.0290

■ 72.6900, 25.4410,
29.0330

■ 72.6900, 25.4410,
29.0330

■ 65.1900, 30.0250,
34.0650

■ 79.6030, 21.1320,
24.5240

■ 58.3910, 34.0130,
38.8850

■ 86.9890, 16.8690,
19.1810

■ 50.8910, 38.5970,
43.9170

■ 93.9020, 12.5600,
14.6720

■ 44.0920, 42.5850,
48.7370

■ 101.2880, 8.2970,
9.3290

■ 43.5050, 42.8600,
49.2600

■ 108.2010, 3.9880,
4.8200

■ 115.5870, -0.2750,
-0.5230

■ 123.0870, -4.8590,
-5.5550

■ 129.8860, -8.8470,
-10.3750

■ 137.3860,
-13.4310, -15.4070

Harmonies

Analogous

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



74.2010, -4.0390, 23.6490



72.6900, 25.4410, 29.0330



69.6240, 43.0020, 24.6500

Triad

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



72.6900, 25.4410, 29.0330



67.1020, 25.1750, -21.2330



62.3210, -58.3640, -10.5560

Complementary

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



72.6900, 25.4410, 29.0330



89.3100, -25.4410, -29.0330

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.



59.7160, -49.6510, -19.7870



72.6900, 25.4410, 29.0330



63.6950, -1.6000, -26.0800

Square

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



72.6900, 25.4410, 29.0330



69.3310, 41.1280, -7.4800



55.5950, -39.4250, -28.9050



62.1390, -63.3630, -2.5550

Rectangle

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



72.6900, 25.4410, 29.0330



69.7950, 46.5340, 15.7020



55.5950, -39.4250, -28.9050



61.9960, -56.0710, -13.5670

Sweetspot

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



72.6900, 25.4410, 29.0330



133.2390, 9.9930, 11.6330



60.7320, -9.9080, 25.3880



66.3370, 6.6010, 7.0250



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



72.6900, 25.4410, 29.0330



84.0160, 39.7430, 45.1750



68.9280, 36.0340, 18.7700



55.2500, 2.2920, 2.5160



46.1680, 45.4270, 52.2990



94.4720, 93.4670, 106.8030

Inverse Universe

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



72.6900, 25.4410, 29.0330



84.0160, 39.7430, 45.1750



93.0720, -36.0340, -18.7700



55.2500, 2.2920, 2.5160



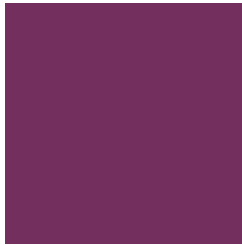
46.1680, 45.4270, 52.2990



94.4720, 93.4670, 106.8030

Previews

White Background



This preview shows how the YIQ color 72.6900, 25.4410, 29.0330 looks on a white background.

Color Contrast Check

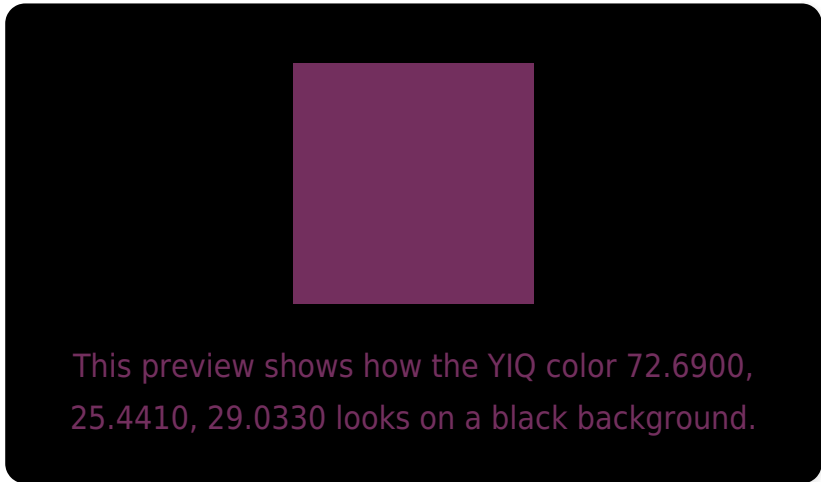
Large Text (above 18pt) WCAG AA ✓ Pass

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

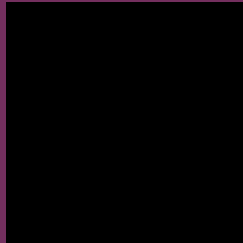
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.6900, 25.4410, 29.0330

Background



This preview shows how black text looks on a background with the YIQ color 72.6900, 25.4410, 29.0330.



This preview shows how white text looks on a background with the YIQ color 72.6900, 25.4410,

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

72.6900, 25.4410, 29.0330

Protanopia

72.4880, -21.5050, 9.7830

Deuteranopia

73.1660, -6.0990, 5.9090



Tritanopia

72.4990, 32.6880, 13.3280

Trichromacy



Original Color

72.6900, 25.4410, 29.0330

Protanomaly

72.6860, -4.2670, 16.7650

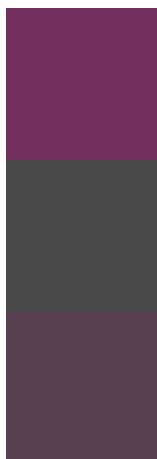
Deuteranomaly

72.7810, 5.5910, 14.3190

Tritanomaly

72.5190, 29.9360, 19.1520

Monochromacy



Original Color

72.6900, 25.4410, 29.0330

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.6900, 25.4410, 29.0330 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(115, 47, 94)` looks like.

```
.text, #text, p{  
    color:rgb(115, 47, 94)  
}
```

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(115, 47, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 47, 94) }
```

Border

The CSS property to change the border of an element to YIQ 72.6900, 25.4410, 29.0330 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(115, 47, 94) }
```


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

```
.border{ border-color:rgb(115, 47, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 47, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 47, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 47, 94);  
box-shadow:4px 4px 4px 4px rgb(115, 47,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 72.6900, 25.4410, 29.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 47, 94) }
```

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

```
.background{ background-color: rgb(115, 47,  
94) }
```

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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