

Converting Colors

YIQ(72.9190, 41.3940, 42.7860)

Have a look what the booklet for
YIQ(72.9190, 41.3940, 42.7860)
contains.

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Color

**YIQ(72.9190, 41.3940,
42.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	8B2264
RGB	139, 34, 100
RGB Percent	55%, 13%, 39%
CMY	0.4546, 0.8668, 0.6077
CMYK	0.00, 0.76, 0.28, 0.45
HSL	322°, 61%, 34%
HSV	322°, 76%, 55%
XYZ	13.5323, 7.5576, 12.8094
YIQ	72.9190, 41.3940, 42.7860

Conversions

Conversions Part 2

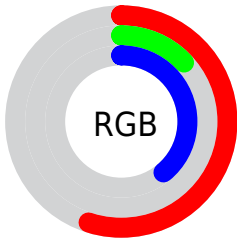
Format	Color
R_{YB}	139, 34, 100
Decimal	9118308
CIE _{Lab}	33.04, 49.69, -13.44
CIE _{LCh}	33, 51.474, 344.864
Yxy	7.5576, 0.3992, 0.2229
Android (android.graphics.Color)	4287308388 (0xFF8B2264)
YUV	72.9190, 13.3509, 57.9530
Hunter-Lab	27.4910, 39.7562, -8.3825

Details

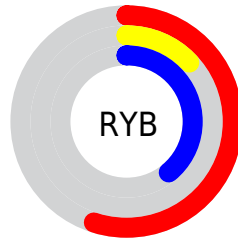
The YIQ color **72.9190, 41.3940, 42.7860** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **100.0810, -41.3940, -42.7860**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.0610, 43.8700, 41.9660**, and **31.4570, 33.6470, 34.5030** is the 20% darker color. If you saturate the color by 10%, you get **64.1310, 46.8490, 48.5530**, and if you desaturate by 10%, it is **81.7070, 35.9390, 37.0190**.

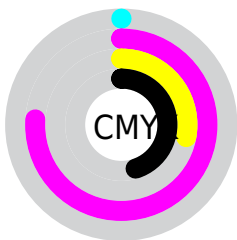
Distribution



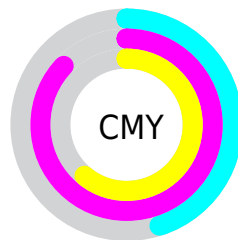
- Red (55%)
- Green (13%)
- Blue (39%)



- Red (55%)
- Yellow (13%)
- Blue (39%)



- Cyan (0%)
- Magenta (76%)
- Yellow (28%)
- Black (45%)





- Cyan (45%)
- Magenta (87%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.9190, 41.3940, 42.7860 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 72.9190, 41.3940, 42.7860 by changing the saturation by 10% instead.


 72.9190, 41.3940,
42.7860


 72.9190, 41.3940,
42.7860


255.0000, -0.0000,
-0.0000


 42.1520, 42.3560,
47.3800


 128.0610, 43.8700,
41.9660


 31.4570, 33.6470,
34.5030

 155.6590, 45.0620,
42.3900


 21.5880, 25.4880,
22.6720

 183.5560, 46.8500,
43.0260

 10.3230, 18.3840,
8.2400

 203.1840, 30.1620,
37.0900

 0.0000, 0.0000,
0.0000

 222.1280, 15.4000,
29.2880

 239.1510, 7.4250,

14.1210

■ 72.9190, 41.3940,
42.7860

■ 72.9190, 41.3940,
42.7860

■ 64.1310, 46.8490,
48.5530

■ 81.7070, 35.9390,
37.0190

■ 55.3430, 52.3040,
54.3200

■ 90.4950, 30.4840,
31.2520

■ 51.4790, 54.9170,
56.5250

■ 99.3970, 24.7080,
25.7960

■ 108.1850, 19.2530,
20.0290

■ 116.3860, 14.0730,
14.7850

■ 125.1740, 8.6180,
9.0180

■ 133.9620, 3.1630,
3.2510

■ 142.7500, -2.2920,
-2.5160

■ 151.6520, -8.0680,
-7.9720

Harmonies

Analogous

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



79.4720, 2.9280, 35.0560



72.9190, 41.3940, 42.7860



68.0010, 61.2940, 34.5580

Triad

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



72.9190, 41.3940, 42.7860



70.8580, 22.7460, -26.7740



70.5680, -69.1850, -7.1770

Complementary

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



72.9190, 41.3940, 42.7860



100.0810, -41.3940, -42.7860

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.



67.4100, -57.5370, -20.0410



72.9190, 41.3940, 42.7860



60.7330, -13.9310, -39.3950

Square

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



72.9190, 41.3940, 42.7860



73.4040, 48.0520, -11.8200



61.4480, -43.5050, -32.0570



69.5540, -74.5970, 2.8030

Rectangle

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



72.9190, 41.3940, 42.7860



70.7000, 63.0390, 19.4470



61.4480, -43.5050, -32.0570



69.7870, -65.6080, -11.4320

Sweetspot

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



72.9190, 41.3940, 42.7860



154.6360, 16.3650, 17.3010



57.6310, -10.4610, 40.9230



75.5980, 10.3600, 10.4880



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



72.9190, 41.3940, 42.7860



77.1910, 64.9560, 67.3240



66.9910, 58.0860, 26.6140



64.5490, 2.8880, 2.7280



49.2290, 52.6250, 54.0090



1.8370, 2.0170, 1.9930

Inverse Universe

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



72.9190, 41.3940, 42.7860



77.1910, 64.9560, 67.3240



106.0090, -58.0860, -26.6140



64.5490, 2.8880, 2.7280



49.2290, 52.6250, 54.0090



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 72.9190, 41.3940, 42.7860 looks on a white background.

Color Contrast Check

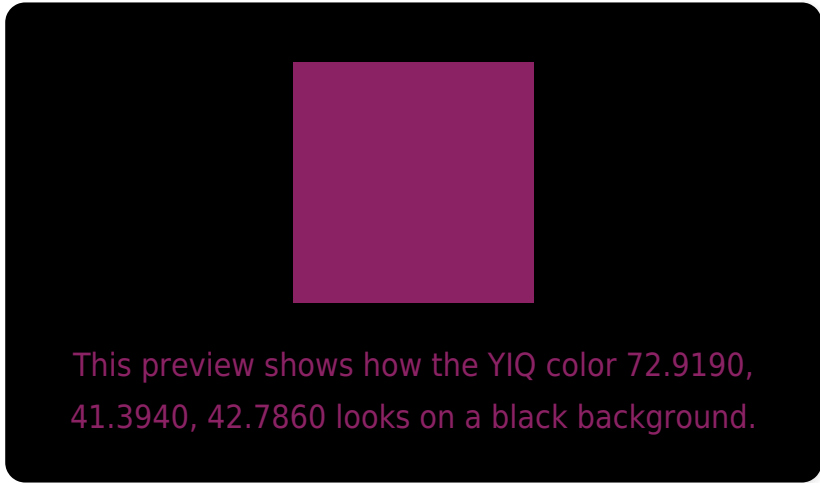
Large Text (above 18pt) WCAG AA ✓ Pass

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

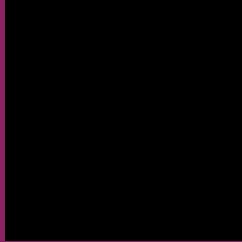
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.9190, 41.3940, 42.7860

Background



This preview shows how black text looks on a background with the YIQ color 72.9190, 41.3940, 42.7860.



This preview shows how white text looks on a background with the YIQ color 72.9190, 41.3940,

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

72.9190, 41.3940, 42.7860

Protanopia

76.9910, -30.1710, 12.6530

Deuteranopia

79.5360, -4.2650, 5.7110



Tritanopia

75.0560, 50.2930, 19.1650

Trichromacy



Original Color

72.9190, 41.3940, 42.7860

Protanomaly

75.2010, -4.0390, 23.6490

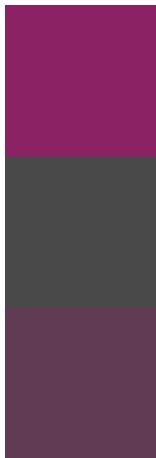
Deuteranomaly

76.9500, 12.6050, 19.3650

Tritanomaly

74.3580, 46.8070, 27.2790

Monochromacy



Original Color

72.9190, 41.3940, 42.7860

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.0980, 14.9440, 15.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.9190, 41.3940, 42.7860 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(139, 34, 100)` looks like.

```
.text, #text, p{  
    color:rgb(139, 34, 100)  
}
```

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(139, 34, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 34, 100) }
```

Border

The CSS property to change the border of an element to YIQ 72.9190, 41.3940, 42.7860 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(139, 34, 100) }
```


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

```
.border{ border-color:rgb(139, 34, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 34, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 34, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 34, 100);  
box-shadow:4px 4px 4px 4px rgb(139, 34,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 72.9190, 41.3940, 42.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 34, 100) }
```

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

```
.background{ background-color: rgb(139, 34,  
100) }
```

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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