

Converting Colors

YIQ(74.1940, 50.5650, 36.2690)

Have a look what the booklet for
YIQ(74.1940, 50.5650, 36.2690)
contains.

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Color

**YIQ(74.1940, 50.5650,
36.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	912550
RGB	145, 37, 80
RGB Percent	57%, 15%, 31%
CMY	0.4311, 0.8551, 0.6861
CMYK	0.00, 0.75, 0.45, 0.43
HSL	336°, 59%, 36%
HSV	336°, 75%, 57%
XYZ	13.7995, 7.9265, 8.4003
YIQ	74.1940, 50.5650, 36.2690

Conversions

Conversions Part 2

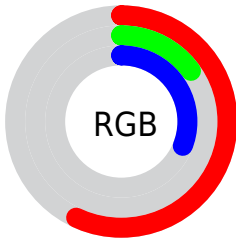
Format	Color
R_{YB}	145, 37, 80
Decimal	9512272
CIE Lab	33.83, 48.01, 0.77
CIE LCh	34, 48.017, 0.920
Yxy	7.9265, 0.4581, 0.2631
Android (android.graphics.Color)	4287702352 (0xFF912550)
YUV	74.1940, 2.8624, 62.0969
Hunter-Lab	28.1540, 38.2214, 2.0173

Details

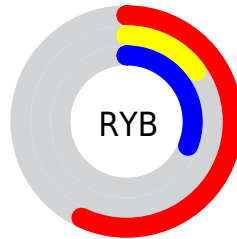
The YIQ color **74.1940, 50.5650, 36.2690** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **107.8060, -50.5650, -36.2690**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8200, 54.5540, 35.5620**, and **30.7150, 41.4880, 30.0640** is the 20% darker color. If you saturate the color by 10%, you get **64.3630, 57.5790, 41.3150**, and if you desaturate by 10%, it is **83.4380, 43.8260, 31.7460**.

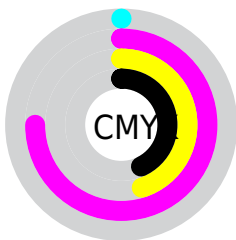
Distribution



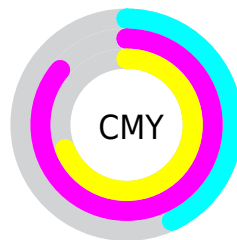
- Red (57%)
- Green (15%)
- Blue (31%)



- Red (57%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (75%)
- Yellow (45%)
- Black (43%)





- Cyan (43%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.1940, 50.5650, 36.2690 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 74.1940, 50.5650, 36.2690 by changing the saturation by 10% instead.


 74.1940, 50.5650,
36.2690


 74.1940, 50.5650,
36.2690


255.0000, -0.0000,
-0.0000


 41.4810, 51.4350,
42.5310


 128.8200, 54.5540,
35.5620


 30.7150, 41.4880,
30.0640

 156.3040, 56.0670,
35.6750


 20.4330, 33.0540,
17.7100

 182.1080, 53.6830,
34.8270

 10.5790, 20.5390,
7.7310

 201.6220, 37.3160,
28.5800

 0.0000, 0.0000,
0.0000

 221.3640, 20.3070,
22.9550

 240.3250, 6.8750,

13.0750

■ 74.1940, 50.5650,
36.2690

■ 74.1940, 50.5650,
36.2690

■ 64.3630, 57.5790,
41.3150

■ 83.4380, 43.8260,
31.7460

■ 55.2330, 63.9970,
46.1490

■ 93.1550, 37.1330,
26.3890

■ 49.9670, 67.8020,
48.7780

■ 102.3990, 30.3940,
21.8660

■ 112.2300, 23.3800,
16.8200

■ 121.4740, 16.6410,
12.2970

■ 131.1910, 9.9480,
6.9400

■ 141.0220, 2.9340,
1.8940

■ 150.2660, -3.8050,
-2.6290

■ 160.0970,
-10.8190, -7.6750

Harmonies

Analogous

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



80.0630, 23.1930, 36.7370



74.1940, 50.5650, 36.2690



74.0740, 59.0500, 20.1540

Triad

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



74.1940, 50.5650, 36.2690



68.6990, 9.7720, -33.9400



71.2350, -72.4410, -3.2330

Complementary

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



74.1940, 50.5650, 36.2690



107.8060, -50.5650, -36.2690

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.



69.8040, -64.2780, -13.5100



74.1940, 50.5650, 36.2690



59.7380, -38.6900, -36.7220

Square

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



74.1940, 50.5650, 36.2690



74.4900, 35.7660, -20.4420



65.4720, -52.0800, -25.3280



67.0920, -73.1760, 4.5840

Rectangle

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



74.1940, 50.5650, 36.2690



75.3920, 57.4940, 4.2940



65.4720, -52.0800, -25.3280



70.9100, -70.1480, -6.2440

Sweetspot

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



74.1940, 50.5650, 36.2690



161.4960, 19.5750, 14.1910



68.7470, 4.0720, 47.3680



78.3160, 11.0940, 8.1980



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



74.1940, 50.5650, 36.2690



78.8700, 78.6210, 56.4530



75.7490, 61.3430, 17.1430



66.4350, 3.2090, 2.4170



46.5210, 63.1260, 45.4140



2.7340, 3.8050, 2.6290

Inverse Universe

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



74.1940, 50.5650, 36.2690



78.8700, 78.6210, 56.4530



106.2510, -61.3430, -17.1430



66.4350, 3.2090, 2.4170



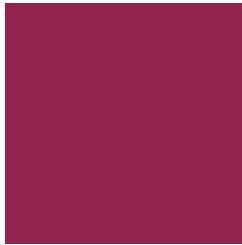
46.5210, 63.1260, 45.4140



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 74.1940, 50.5650, 36.2690 looks on a white background.

Color Contrast Check

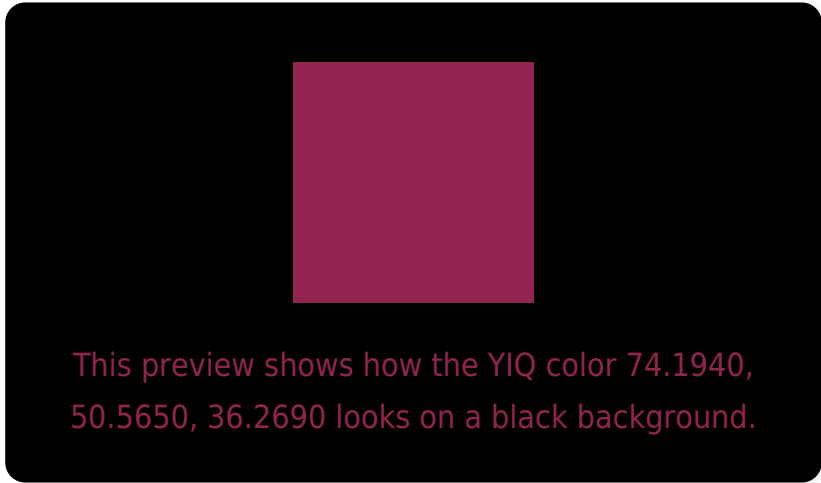
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.1940, 50.5650, 36.2690

Background



This preview shows how black text looks on a background with the YIQ color 74.1940, 50.5650, 36.2690.



This preview shows how white text looks on a background with the YIQ color 74.1940, 50.5650,

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

74.1940, 50.5650, 36.2690

Protanopia

81.1700, -11.9220, 6.8140

Deuteranopia

81.5450, 8.7110, 1.8230



Tritanopia

74.6440, 57.4450, 21.7090

Trichromacy



Original Color

74.1940, 50.5650, 36.2690

Protanomaly

78.5260, 10.8630, 17.8950

Deuteranomaly

78.9480, 24.1140, 14.5300

Tritanomaly

74.5500, 55.0140, 27.2220

Monochromacy



Original Color

74.1940, 50.5650, 36.2690

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.3710, 18.4290, 12.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.1940, 50.5650, 36.2690 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(145, 37, 80)` looks like.

```
.text, #text, p{  
    color:rgb(145, 37, 80)  
}
```

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(145, 37, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 37, 80) }
```

Border

The CSS property to change the border of an element to YIQ 74.1940, 50.5650, 36.2690 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(145, 37, 80) }
```


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

```
.border{ border-color:rgb(145, 37, 80) }
```

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

Here you see how a box with a 4 pixel rgb(145, 37, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 37, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 37, 80);  
box-shadow:4px 4px 4px 4px rgb(145, 37,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 74.1940, 50.5650, 36.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 37, 80) }
```

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

```
.background{ background-color: rgb(145, 37,  
80) }
```

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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