

Converting Colors

YIQ(103.1940, 50.5650, 36.2690)

Have a look what the booklet for
YIQ(103.1940, 50.5650, 36.2690)
contains.

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Color

**YIQ(103.1940, 50.5650,
36.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	AE426D
RGB	174, 66, 109
RGB Percent	68%, 26%, 43%
CMY	0.3174, 0.7413, 0.5724
CMYK	0.00, 0.62, 0.37, 0.32
HSL	336°, 45%, 47%
HSV	336°, 62%, 68%
XYZ	22.1799, 14.0032, 16.0139
YIQ	103.1940, 50.5650, 36.2690

Conversions

Conversions Part 2

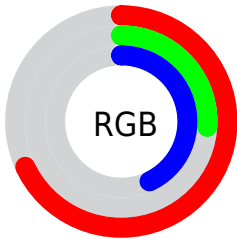
Format	Color
RYB	174, 66, 109
Decimal	11420269
CIELab	44.24, 48.19, -1.71
CIELCh	44, 48.216, 357.964
Yxy	14.0032, 0.4249, 0.2683
Android (android.graphics.Color)	4289610349 (0xFFAE426D)
YUV	103.1940, 2.8624, 62.0969
Hunter-Lab	37.4208, 40.3132, 0.8219

Details

The YIQ color **103.1940, 50.5650, 36.2690** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **136.8060, -50.5650, -36.2690**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7600, 54.7830, 36.9190**, and **42.6380, 49.5550, 43.5630** is the 20% darker color. If you saturate the color by 10%, you get **92.0750, 58.4500, 42.0500**, and if you desaturate by 10%, it is **114.4270, 42.3590, 30.7990**.

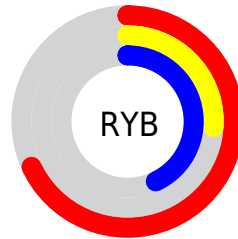
Distribution



Red (68%)

Green (26%)

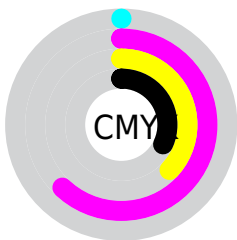
Blue (43%)



Red (68%)

Yellow (26%)

Blue (43%)

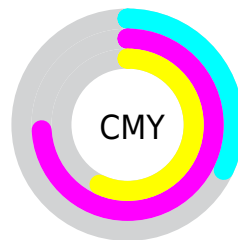


Cyan (0%)

Magenta (62%)

Yellow (37%)

Black (32%)



Cyan (32%)


Magenta (74%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.1940, 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 103.1940, 50.5650, 36.2690 by changing the saturation by 10% instead.


 103.1940, 50.5650,
36.2690


 103.1940, 50.5650,
36.2690


255.0000, -0.0000,
-0.0000


 75.6500, 49.2810,
37.5130


 157.7600, 54.7830,
36.9190


 42.3500, 50.4260,
44.2980


 183.2650, 51.8030,
35.8590


 31.4700, 40.8000,
31.5200

 202.8930, 35.1150,
29.9230

 21.4160, 31.7240,
19.7880

 222.5210, 18.4270,
23.9870

 11.1770, 21.7310,
8.1550

 240.9120, 6.6000,
12.5520

 0.0000, 0.0000,
0.0000

103.1940, 50.5650,
36.2690

103.1940, 50.5650,
36.2690

92.0750, 58.4500,
42.0500

114.4270, 42.3590,
30.7990

80.2550, 66.9310,
48.0430

126.1330, 34.1990,
24.4950

69.1360, 74.8160,
53.8240

137.2520, 26.3140,
18.7140

59.8920, 81.5550,
58.3470

149.0720, 17.8330,
12.7210


160.1910, 9.9480,
6.9400

171.4240, 1.7420,
1.4700

183.1300, -6.4180,
-4.8340

194.3630,

-14.6240, -10.3040

 206.0690,
-22.7840, -16.6080

Harmonies

Analogous

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



106.9210, 20.7170, 37.5570



103.1940, 50.5650, 36.2690



101.8680, 62.6260, 21.4260

Triad

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



103.1940, 50.5650, 36.2690



95.6070, 13.0270, -32.3570



89.4610, -87.9370, -8.7450

Complementary

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



103.1940, 50.5650, 36.2690



136.8060, -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.



88.2750, -79.0860, -20.4780



103.1940, 50.5650, 36.2690



85.0540, -36.7640, -38.5880

Square

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



103.1940, 50.5650, 36.2690



99.2150, 43.7900, -22.6900



83.6010, -65.9250, -33.2290



85.6600, -89.6350, 0.0050

Rectangle

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



103.1940, 50.5650, 36.2690



101.5390, 61.5740, 7.4460



83.6010, -65.9250, -33.2290



89.6090, -85.5980, -12.5900

Sweetspot

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



103.1940, 50.5650, 36.2690



198.7950, 20.1710, 14.4030



97.7470, 4.0720, 47.3680



97.3270, 12.5610, 9.1450



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



103.1940, 50.5650, 36.2690



115.5820, 79.4920, 57.1880



104.7490, 61.3430, 17.1430



81.0330, 4.4010, 2.8410



51.6900, 70.1400, 50.4600



7.9030, 10.8190, 7.6750

Inverse Universe

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



103.1940, 50.5650, 36.2690



115.5820, 79.4920, 57.1880



135.2510, -61.3430, -17.1430



81.0330, 4.4010, 2.8410



51.6900, 70.1400, 50.4600



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 103.1940, 50.5650, 36.2690 looks on a white background.

Color Contrast Check

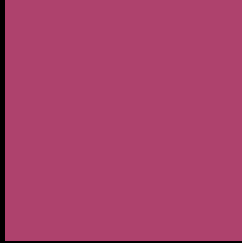
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 103.1940, 50.5650, 36.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

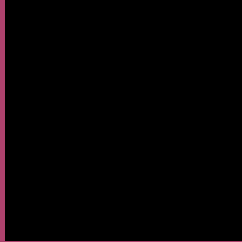
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.1940, 50.5650, 36.2690

Background



This preview shows how black text looks on a background with the YIQ color 103.1940, 50.5650, 36.2690.



This preview shows how white text looks on a background with the YIQ color 103.1940, 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

103.1940, 50.5650, 36.2690

Protanopia

105.5120, -12.8850, 7.7470

Deuteranopia

106.4140, 7.7020, 3.5900



Tritanopia

103.1710, 57.3990, 22.5430

Trichromacy



Original Color

103.1940, 50.5650, 36.2690

Protanomaly

104.6400, 10.5420, 18.2060

Deuteranomaly

105.2900, 23.1510, 15.4630

Tritanomaly

102.9630, 55.2890, 27.7450

Monochromacy



Original Color

103.1940, 50.5650, 36.2690

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.3710, 18.4290, 12.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.1940, 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(174, 66, 109)` looks like.

```
.text, #text, p{  
    color:rgb(174, 66, 109)  
}
```

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(174, 66, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 66, 109) }
```

Border

The CSS property to change the border of an element to YIQ 103.1940, 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(174, 66, 109) }
```


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

```
.border{ border-color:rgb(174, 66, 109) }
```

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

Here you see how a box with a 4 pixel rgb(174, 66, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 66, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 66, 109);  
box-shadow:4px 4px 4px 4px rgb(174, 66,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 103.1940, 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(174, 66, 109) }
```

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

```
.background{ background-color: rgb(174, 66,  
109) }
```

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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