

Converting Colors

YIQ(90.3040, 46.8990, 25.6110)

Have a look what the booklet for
YIQ(90.3040, 46.8990, 25.6110)
contains.

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Color

**YIQ(90.3040, 46.8990,
25.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	973D52
RGB	151, 61, 82
RGB Percent	59%, 24%, 32%
CMY	0.4076, 0.7609, 0.6783
CMYK	0.00, 0.60, 0.46, 0.41
HSL	346°, 42%, 42%
HSV	346°, 60%, 59%
XYZ	15.9646, 10.5282, 9.1820
YIQ	90.3040, 46.8990, 25.6110

Conversions

Conversions Part 2

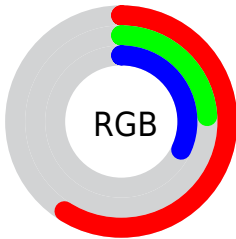
Format	Color
R_{YB}	151, 61, 82
Decimal	9911634
CIE _{Lab}	38.77, 39.78, 6.73
CIE _{LCh}	39, 40.344, 9.608
Yxy	10.5282, 0.4475, 0.2951
Android (android.graphics.Color)	4288101714 (0xFF973D52)
YUV	90.3040, -4.0939, 53.2304
Hunter-Lab	32.4471, 31.0430, 5.9349

Details

The YIQ color **90.3040, 46.8990, 25.6110** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **121.6960, -46.8990, -25.6110**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.8700, 51.1170, 26.2610**, and **35.3840, 43.9180, 30.0780** is the 20% darker color. If you saturate the color by 10%, you get **80.1310, 54.8760, 29.7240**, and if you desaturate by 10%, it is **100.4770, 38.9220, 21.4980**.

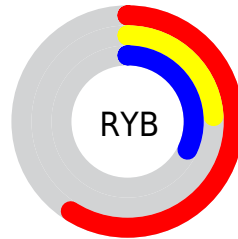
Distribution



Red (59%)

Green (24%)

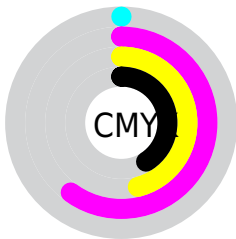
Blue (32%)



Red (59%)

Yellow (24%)

Blue (32%)

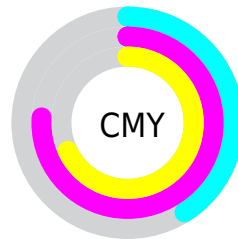


Cyan (0%)

Magenta (60%)

Yellow (46%)

Black (41%)



Cyan (41%)


Magenta (76%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.3040, 46.8990, 25.6110 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 90.3040, 46.8990, 25.6110 by changing the saturation by 10% instead.


 90.3040, 46.8990,
25.6110


 90.3040, 46.8990,
25.6110


255.0000, -0.0000,
-0.0000


 64.0480, 44.7440,
26.1200


 142.8700, 51.1170,
26.2610


 35.3840, 43.9180,
30.0780

 170.6530, 53.2260,
26.5860


 22.5690, 35.6670,
19.9150

 194.6630, 47.2660,
24.4660

 13.9820, 26.7740,
10.3740

 214.2910, 30.5780,
18.5300

 0.0000, 0.0000,
0.0000

 233.9190, 13.8900,
12.5940

 252.6520, 1.1000,

2.0920

■ 90.3040, 46.8990,
25.6110

■ 90.3040, 46.8990,
25.6110

■ 80.1310, 54.8760,
29.7240

■ 100.4770, 38.9220,
21.4980

■ 70.0720, 62.5320,
34.1480

■ 110.5360, 31.2660,
17.0740

■ 59.8990, 70.5090,
38.2610

■ 120.7090, 23.2890,
12.9610

■ 49.8400, 78.1650,
42.6850

■ 130.7680, 15.6330,
8.5370

■ 49.1390, 78.7610,
42.8970

■ 140.9410, 7.6560,
4.4240

■ 151.5870, -0.2750,
-0.5230

■ 161.7600, -8.2520,
-4.6360

■ 171.9330,
-16.2290, -8.7490

■ 181.9920,
-23.8850, -13.1730

Harmonies

Analogous

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



92.8260, 28.0540, 31.2380



90.3040, 46.8990, 25.6110



89.9710, 51.6700, 10.7260

Triad

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



90.3040, 46.8990, 25.6110



82.4560, -2.4250, -27.6490



76.6150, -76.5670, -5.5510

Complementary

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



90.3040, 46.8990, 25.6110



121.6960, -46.8990, -25.6110

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.



77.2700, -71.5220, -14.3860



90.3040, 46.8990, 25.6110



69.8600, -50.6570, -34.6010

Square

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



90.3040, 46.8990, 25.6110



86.4720, 27.0090, -21.4310



74.3230, -61.8460, -24.5500



84.9550, -47.6850, 10.6750

Rectangle

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



90.3040, 46.8990, 25.6110



89.1410, 47.7750, -1.2890



74.3230, -61.8460, -24.5500



77.2190, -75.5120, -8.1520

Sweetspot

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



90.3040, 46.8990, 25.6110



172.3770, 18.2920, 9.9080



91.5920, 11.6380, 42.4060



84.8490, 10.9110, 6.0070



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



90.3040, 46.8990, 25.6110



100.9210, 73.4430, 40.1550



100.8240, 47.5900, 7.5740



71.6200, 4.1260, 2.3180



45.6220, 72.8470, 39.9430



4.2290, 6.7850, 3.6890

Inverse Universe

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



90.3040, 46.8990, 25.6110



100.9210, 73.4430, 40.1550



111.1760, -47.5900, -7.5740



71.6200, 4.1260, 2.3180



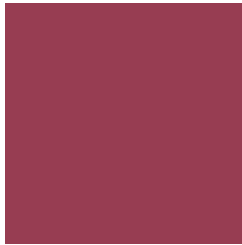
45.6220, 72.8470, 39.9430



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 90.3040, 46.8990, 25.6110 looks on a white background.

Color Contrast Check

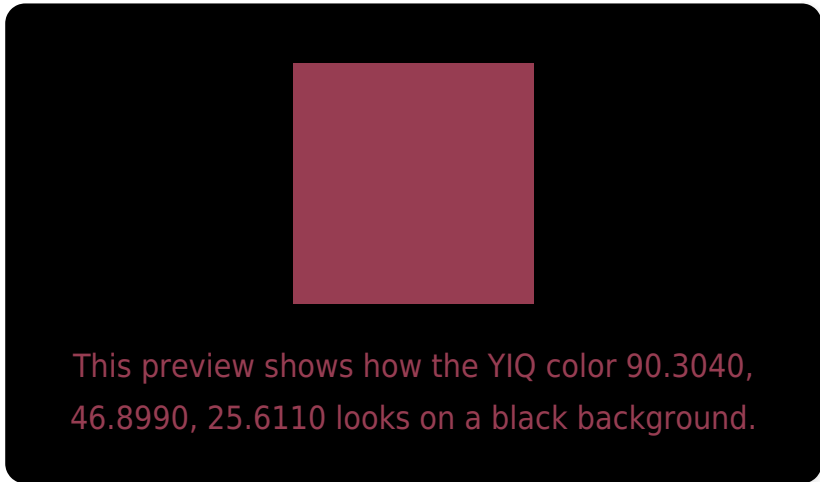
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

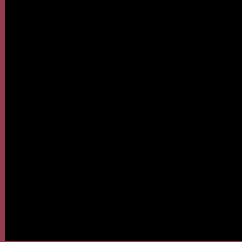
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.3040, 46.8990, 25.6110

Background



This preview shows how black text looks on a background with the YIQ color 90.3040, 46.8990, 25.6110.



This preview shows how white text looks on a background with the YIQ color 90.3040, 46.8990,

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

90.3040, 46.8990, 25.6110

Protanopia

92.2110, -1.9720, 2.7000

Deuteranopia

92.8290, 13.6630, 0.1830



Tritanopia

90.1700, 49.9720, 19.4760

Trichromacy



Original Color

90.3040, 46.8990, 25.6110

Protanomaly

91.3490, 15.4950, 11.0390

Deuteranomaly

91.8570, 25.6280, 9.1160

Tritanomaly

90.1530, 48.6420, 21.5540

Monochromacy



Original Color

90.3040, 46.8990, 25.6110

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.7790, 17.1000, 9.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.3040, 46.8990, 25.6110 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(151, 61, 82)` looks like.

```
.text, #text, p{  
    color:rgb(151, 61, 82)  
}
```

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(151, 61, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 61, 82) }
```

Border

The CSS property to change the border of an element to YIQ 90.3040, 46.8990, 25.6110 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(151, 61, 82) }
```


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

```
.border{ border-color:rgb(151, 61, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 61, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 61, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 61, 82);  
box-shadow:4px 4px 4px 4px rgb(151, 61,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 90.3040, 46.8990, 25.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 61, 82) }
```

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

```
.background{ background-color: rgb(151, 61,  
82) }
```

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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