

Converting Colors

YIQ(90.6490, 32.6860, 24.3820)

Have a look what the booklet for
YIQ(90.6490, 32.6860, 24.3820)
contains.

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Color

**YIQ(90.6490, 32.6860,
24.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	894260
RGB	137, 66, 96
RGB Percent	54%, 26%, 38%
CMY	0.4626, 0.7413, 0.6234
CMYK	0.00, 0.52, 0.30, 0.46
HSL	335°, 35%, 40%
HSV	335°, 52%, 54%
XYZ	14.3834, 10.0604, 12.2566
YIQ	90.6490, 32.6860, 24.3820

Conversions

Conversions Part 2

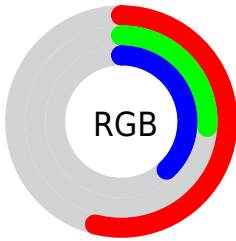
Format	Color
R_{YB}	137, 66, 96
Decimal	8995424
CIE Lab	37.95, 33.90, -3.55
CIE LCh	38, 34.087, 354.022
Yxy	10.0604, 0.3919, 0.2741
Android (android.graphics.Color)	4287185504 (0xFF894260)
YUV	90.6490, 2.6380, 40.6498
Hunter-Lab	31.7181, 25.4388, -0.7084

Details

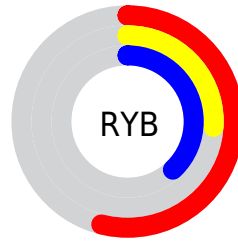
The YIQ color **90.6490, 32.6860, 24.3820** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **112.3510, -32.6860, -24.3820**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.1440, 35.6660, 25.4420**, and **40.2080, 29.6140, 24.9900** is the 20% darker color. If you saturate the color by 10%, you get **81.5190, 39.1040, 29.2160**, and if you desaturate by 10%, it is **99.7790, 26.2680, 19.5480**.

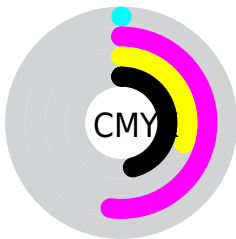
Distribution



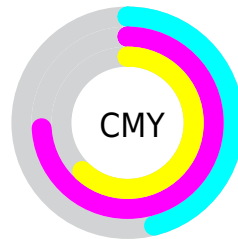
- Red (54%)
- Green (26%)
- Blue (38%)



- Red (54%)
- Yellow (26%)
- Blue (38%)



- Cyan (0%)
- Magenta (52%)
- Yellow (30%)
- Black (46%)





- Cyan (46%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.6490, 32.6860, 24.3820 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 90.6490, 32.6860, 24.3820 by changing the saturation by 10% instead.


 90.6490, 32.6860,
24.3820


 90.6490, 32.6860,
24.3820


255.0000, -0.0000,
-0.0000

 65.7520, 30.8980,
23.7460


 142.1440, 35.6660,
25.4420


 40.2080, 29.6140,
24.9900

 169.7420, 36.8580,
25.8660

 20.9470, 25.8550,
21.5270

 197.3400, 38.0500,
26.2900

 11.4760, 22.3270,
8.3670

 217.8760, 24.6170,
21.9370

 0.0000, 0.0000,
0.0000

 237.9770, 7.9750,
15.1670

254.4130, 0.2750,

0.5230

■ 90.6490, 32.6860,
24.3820

■ 90.6490, 32.6860,
24.3820

■ 81.5190, 39.1040,
29.2160

■ 99.7790, 26.2680,
19.5480

■ 72.9760, 45.2470,
33.5270

■ 108.3220, 20.1250,
15.2370

■ 63.8460, 51.6650,
38.3610

■ 117.4520, 13.7070,
10.4030

■ 54.7160, 58.0830,
43.1950

■ 126.5820, 7.2890,
5.5690

■ 47.5750, 63.0340,
47.0820

■ 135.1250, 1.1460,
1.2580

■ 144.1410, -4.9510,
-3.8870

■ 153.2710,
-11.3690, -8.7210

■ 162.4010,
-17.7870, -13.5550

■ 170.9440,
-23.9300, -17.8660

Harmonies

Analogous

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



92.0410, 11.0910, 24.7790



90.6490, 32.6860, 24.3820



88.9410, 43.1870, 15.7870

Triad

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



90.6490, 32.6860, 24.3820



84.0990, 12.0620, -20.3700



73.8620, -70.1930, -10.9370

Complementary

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



90.6490, 32.6860, 24.3820



112.3510, -32.6860, -24.3820

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.



73.1150, -63.9560, -19.3480



90.6490, 32.6860, 24.3820



79.7350, -16.2720, -24.4960

Square

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



90.6490, 32.6860, 24.3820



87.0200, 31.6380, -11.7060



69.9230, -54.9680, -28.0560



73.9860, -67.3060, -2.6820

Rectangle

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



90.6490, 32.6860, 24.3820



88.5570, 43.9680, 7.1360



69.9230, -54.9680, -28.0560



73.7650, -68.5420, -13.3260

Sweetspot

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



90.6490, 32.6860, 24.3820



160.0390, 13.4320, 9.8800



86.0540, 1.0490, 30.5610



77.8810, 7.8850, 5.7810



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



90.6490, 32.6860, 24.3820



106.5470, 51.0690, 38.1490



90.1640, 40.9410, 12.4370



64.4350, 3.2090, 2.4170



46.1510, 61.2920, 45.6120



1.7230, 2.3380, 1.6820

Inverse Universe

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



90.6490, 32.6860, 24.3820



106.5470, 51.0690, 38.1490



112.8360, -40.9410, -12.4370



64.4350, 3.2090, 2.4170



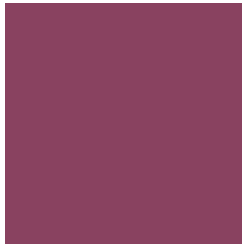
46.1510, 61.2920, 45.6120



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 90.6490, 32.6860, 24.3820 looks on a white background.

Color Contrast Check

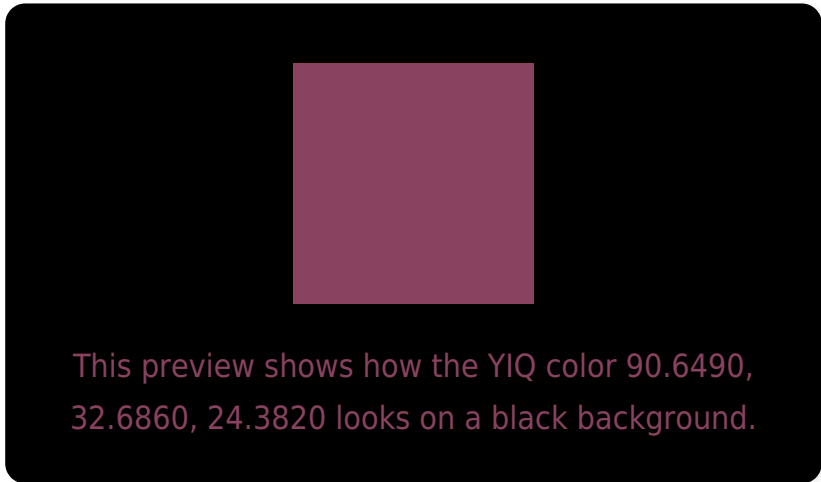
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.6490, 32.6860, 24.3820

Background



This preview shows how black text looks on a background with the YIQ color 90.6490, 32.6860, 24.3820.



This preview shows how white text looks on a background with the YIQ color 90.6490, 32.6860,

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

90.6490, 32.6860, 24.3820

Protanopia

90.3120, -9.4460, 5.9940

Deuteranopia

90.6740, 4.0340, 3.9860



Tritanopia

90.0050, 37.1350, 15.3350

Trichromacy



Original Color

90.6490, 32.6860, 24.3820

Protanomaly

90.7270, 5.6830, 12.6510

Deuteranomaly

90.5770, 14.8530, 11.6610

Tritanomaly

90.6290, 35.4380, 18.5580

Monochromacy



Original Color

90.6490, 32.6860, 24.3820

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.0280, 11.9650, 8.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.6490, 32.6860, 24.3820 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(137, 66, 96)` looks like.

```
.text, #text, p{  
    color:rgb(137, 66, 96)  
}
```

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(137, 66, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 66, 96) }
```

Border

The CSS property to change the border of an element to YIQ 90.6490, 32.6860, 24.3820 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(137, 66, 96) }
```


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

```
.border{ border-color:rgb(137, 66, 96) }
```

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

Here you see how a box with a 4 pixel rgb(137, 66, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 66, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 66, 96);  
box-shadow:4px 4px 4px 4px rgb(137, 66,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 90.6490, 32.6860, 24.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 66, 96) }
```

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

```
.background{ background-color: rgb(137, 66,  
96) }
```

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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