

Converting Colors

YIQ(132.0440, 24.2040, 23.9160)

Have a look what the booklet for
YIQ(132.0440, 24.2040, 23.9160)
contains.

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Color

**YIQ(132.0440, 24.2040,
23.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6E92
RGB	170, 110, 146
RGB Percent	67%, 43%, 57%
CMY	0.3332, 0.5687, 0.4274
CMYK	0.00, 0.35, 0.14, 0.33
HSL	324°, 26%, 55%
HSV	324°, 35%, 67%
XYZ	27.3496, 21.7730, 29.9624
YIQ	132.0440, 24.2040, 23.9160

Conversions

Conversions Part 2

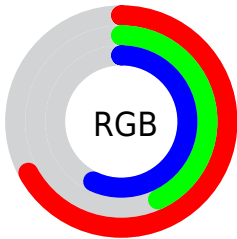
Format	Color
R _Y B	170, 110, 146
Decimal	11169426
CIE Lab	53.79, 29.30, -9.77
CIE LCh	54, 30.883, 341.561
Yxy	21.7730, 0.3458, 0.2753
Android (android.graphics.Color)	4289359506 (0xFFAA6E92)
YUV	132.0440, 6.8803, 33.2874
Hunter-Lab	46.6616, 22.9656, -5.4082

Details

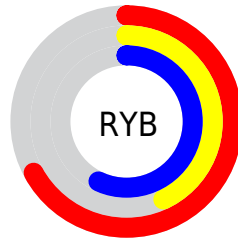
The YIQ color **132.0440, 24.2040, 23.9160** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.9560, -24.2040, -23.9160**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.4680, 25.9460, 25.3860**, and **81.6200, 22.4620, 22.4460** is the 20% darker color. If you saturate the color by 10%, you get **121.2670, 31.1260, 30.6300**, and if you desaturate by 10%, it is **142.8210, 17.2820, 17.2020**.

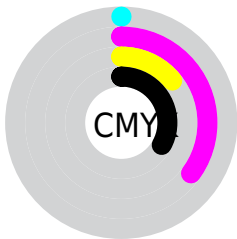
Distribution



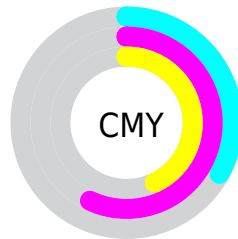
- Red (67%)
- Green (43%)
- Blue (57%)



- Red (67%)
- Yellow (43%)
- Blue (57%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (33%)



- Cyan (33%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.0440, 24.2040, 23.9160 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 132.0440, 24.2040, 23.9160 by changing the saturation by 10% instead.

132.0440, 24.2040,
23.9160

132.0440, 24.2040,
23.9160

255.0000, -0.0000,
-0.0000

106.3320, 23.3330,
23.1810

185.4680, 25.9460,
25.3860

81.7340, 22.1410,
22.7570

213.7670, 26.5420,
25.5980

57.1360, 20.9490,
22.3330

233.2810, 10.1750,
19.3510

32.9510, 20.0320,
22.4320

250.3040, 2.2000,
4.1840

16.3480, 17.2360,
18.0360

2.0930, 4.1720,
1.4840

0.0000, 0.0000,

0.0000

■ 132.0440, 24.2040,
23.9160

■ 132.0440, 24.2040,
23.9160

■ 121.2670, 31.1260,
30.6300

■ 142.8210, 17.2820,
17.2020

■ 110.4900, 38.0480,
37.3440

■ 153.5980, 10.3600,
10.4880

■ 99.8270, 44.6490,
44.3690

■ 164.2610, 3.7590,
3.4630

■ 89.0500, 51.5710,
51.0830

■ 175.0380, -3.1630,
-3.2510

■ 78.2730, 58.4930,
57.7970

■ 185.8150,
-10.0850, -9.9650

■ 67.4960, 65.4150,
64.5110

■ 196.5920,
-17.0070, -16.6790

■ 62.4580, 68.5780,
67.7620

■ 207.3690,
-23.9290, -23.3930

■ 218.0320,
-30.5300, -30.4180

■ 224.1130,
-35.2520, -32.9480

Harmonies

Analogous

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



131.7730, 0.0420, 21.2740



132.0440, 24.2040, 23.9160



130.7820, 39.3810, 18.6850

Triad

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



132.0440, 24.2040, 23.9160



125.6380, 20.9100, -15.5220



104.6380, -84.5420, -20.7180

Complementary

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



132.0440, 24.2040, 23.9160



147.9560, -24.2040, -23.9160

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.



109.8390, -63.3590, -24.6630



132.0440, 24.2040, 23.9160



122.4440, -2.1510, -21.5990

Square

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



132.0440, 24.2040, 23.9160



127.7590, 37.0470, -5.1050



117.8350, -31.1730, -24.2690



118.0640, -58.7780, -3.0500

Rectangle

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



132.0440, 24.2040, 23.9160



129.7190, 43.6920, 12.1400



117.8350, -31.1730, -24.2690



103.4160, -84.0370, -24.3650

Sweetspot

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



132.0440, 24.2040, 23.9160



206.1850, 10.0850, 9.9650



123.7170, -5.5520, 23.5360



103.0980, 5.7760, 5.4560



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



132.0440, 24.2040, 23.9160



163.1910, 37.4520, 37.1320



128.7380, 33.5130, 14.8970



78.9620, 3.1630, 3.2510



54.3980, 59.6390, 59.0550



7.3480, 8.0680, 7.9720

Inverse Universe

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



132.0440, 24.2040, 23.9160



163.1910, 37.4520, 37.1320



151.2620, -33.5130, -14.8970



78.9620, 3.1630, 3.2510



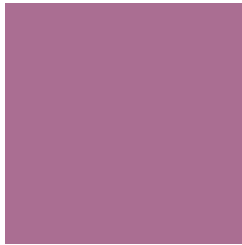
54.3980, 59.6390, 59.0550



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 132.0440, 24.2040, 23.9160 looks on a white background.

Color Contrast Check

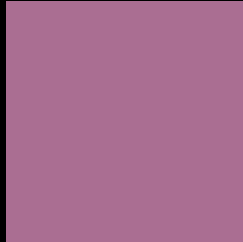
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 132.0440, 24.2040, 23.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

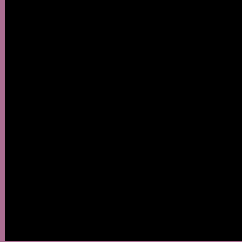
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.0440, 24.2040, 23.9160

Background



This preview shows how black text looks on a background with the YIQ color 132.0440, 24.2040, 23.9160.



This preview shows how white text looks on a background with the YIQ color 132.0440, 24.2040,

23.9160.

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

132.0440, 24.2040, 23.9160

Protanopia

129.6260, -13.2060, 8.0580

Deuteranopia

130.0420, 0.1820, 7.7180



Tritanopia

130.8730, 28.6990, 14.0350

Trichromacy



Original Color

132.0440, 24.2040, 23.9160

Protanomaly

130.1440, 0.1350, 14.0790

Deuteranomaly

131.1080, 8.9840, 13.4000

Tritanomaly

131.4970, 27.0020, 17.2580

Monochromacy



Original Color

132.0440, 24.2040, 23.9160

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.0600, 8.9390, 8.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0440, 24.2040, 23.9160 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(170, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 110, 146)  
}
```

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(170, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 110, 146) }
```

Border

The CSS property to change the border of an element to YIQ 132.0440, 24.2040, 23.9160 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(170, 110, 146) }
```


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

```
.border{ border-color:rgb(170, 110, 146) }
```

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

Here you see how a box with a 4 pixel rgb(170, 110, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(170, 110,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0440, 24.2040, 23.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 110, 146) }
```

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

```
.background{ background-color: rgb(170,  
110, 146) }
```

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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