

Converting Colors

YIQ(82.4220, 49.9230, 36.8910)

Have a look what the booklet for
YIQ(82.4220, 49.9230, 36.8910)
contains.

| | |
|--|----|
| YIQ(82.4220, 49.9230, 36.8910) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(82.4220, 49.9230,
36.8910)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 992D5A |
| RGB | 153, 45, 90 |
| RGB Percent | 60%, 18%, 35% |
| CMY | 0.3997, 0.8237, 0.6469 |
| CMYK | 0.00, 0.71, 0.41, 0.40 |
| HSL | 335°, 55%, 39% |
| HSV | 335°, 71%, 60% |
| XYZ | 15.9345, 9.3916, 10.6551 |
| YIQ | 82.4220, 49.9230, 36.8910 |

Conversions

Conversions Part 2

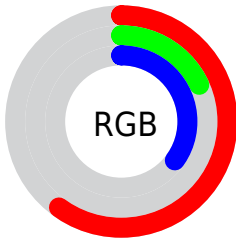
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 153, 45, 90 |
| Decimal | 10038618 |
| CIE _{Lab} | 36.73, 48.43, -1.25 |
| CIE _{LCh} | 37, 48.442, 358.516 |
| Yxy | 9.3916, 0.4429, 0.2610 |
| Android (android.graphics.Color) | 4288228698 (0xFF992D5A) |
| YUV | 82.4220, 3.7360, 61.8969 |
| Hunter-Lab | 30.6457, 39.1826, 0.8377 |

Details

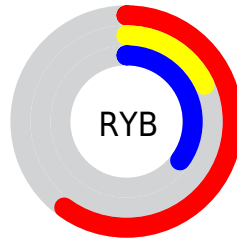
The YIQ color **82.4220, 49.9230, 36.8910** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.5780, -49.9230, -36.8910**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **137.1620, 53.5910, 36.4950**, and **34.1330, 43.3670, 34.5590** is the 20% darker color. If you saturate the color by 10%, you get **72.5910, 56.9370, 41.9370**, and if you desaturate by 10%, it is **92.2530, 42.9090, 31.8450**.

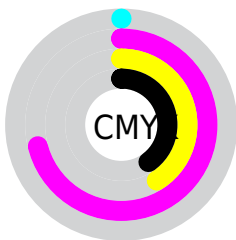
Distribution



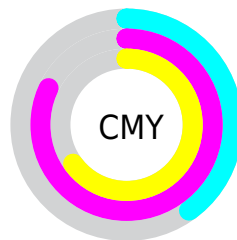
- Red (60%)
- Green (18%)
- Blue (35%)



- Red (60%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (41%)
- Black (40%)



- Cyan (40%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.4220, 49.9230, 36.8910 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 82.4220, 49.9230, 36.8910 by changing the saturation by 10% instead.

82.4220, 49.9230,
36.8910

82.4220, 49.9230,
36.8910

255.0000, -0.0000,
-0.0000

51.4700, 49.9680,
41.5840

137.1620, 53.5910,
36.4950

34.1330, 43.3670,
34.5590

164.9450, 55.7000,
36.8200

23.6660, 34.0160,
22.3040

188.0580, 47.9520,
34.0640

13.9820, 26.7740,
10.3740

207.6860, 31.2640,
28.1280

0.0000, 0.0000,
0.0000

227.4280, 14.2550,
22.5030

245.0210, 4.6750,

8.8910

■ 82.4220, 49.9230,
36.8910

■ 82.4220, 49.9230,
36.8910

■ 72.5910, 56.9370,
41.9370

■ 92.2530, 42.9090,
31.8450

■ 62.1730, 64.2260,
47.5060

■ 102.6710, 35.6200,
26.2760

■ 53.0430, 70.6440,
52.3400

■ 112.5020, 28.6060,
21.2300

■ 122.3330, 21.5920,
16.1840

■ 132.1640, 14.5780,
11.1380

■ 142.5820, 7.2890,
5.5690

■ 152.4130, 0.2750,
0.5230

■ 162.1300, -6.4180,
-4.8340

■ 172.5480,
-13.7070, -10.4030

Harmonies

Analogous

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



87.8070, 21.0380, 37.2460



82.4220, 49.9230, 36.8910



81.6120, 60.4710, 21.9350

Triad

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



82.4220, 49.9230, 36.8910



76.3250, 13.7610, -34.6470



76.1420, -76.6130, -4.7170

Complementary

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



82.4220, 49.9230, 36.8910



115.5780, -49.9230, -36.8910

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.



75.0700, -68.0830, -16.1390



82.4220, 49.9230, 36.8910



64.1890, -41.5780, -39.4500

Square

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



82.4220, 49.9230, 36.8910



81.0020, 40.0760, -21.4600



70.5100, -55.2430, -28.5790



72.8140, -78.2650, 3.1990

Rectangle

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



82.4220, 49.9230, 36.8910



82.3430, 59.1900, 6.5980



70.5100, -55.2430, -28.5790



76.2900, -74.2740, -8.5620

Sweetspot

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



82.4220, 49.9230, 36.8910



171.6100, 19.2540, 14.5020



75.5510, 1.6880, 46.5200



83.3160, 11.0940, 8.1980



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.



82.4220, 49.9230, 36.8910



88.5110, 78.2540, 57.5980



81.4010, 62.4430, 19.2350



71.7340, 3.8050, 2.6290



48.4720, 64.8220, 47.7180



4.4570, 6.1430, 4.3110

Inverse Universe

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



82.4220, 49.9230, 36.8910



88.5110, 78.2540, 57.5980



116.5990, -62.4430, -19.2350



71.7340, 3.8050, 2.6290



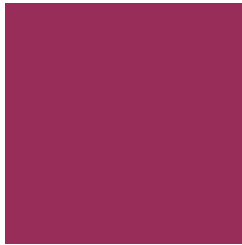
48.4720, 64.8220, 47.7180



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 82.4220, 49.9230, 36.8910 looks on a white background.

Color Contrast Check

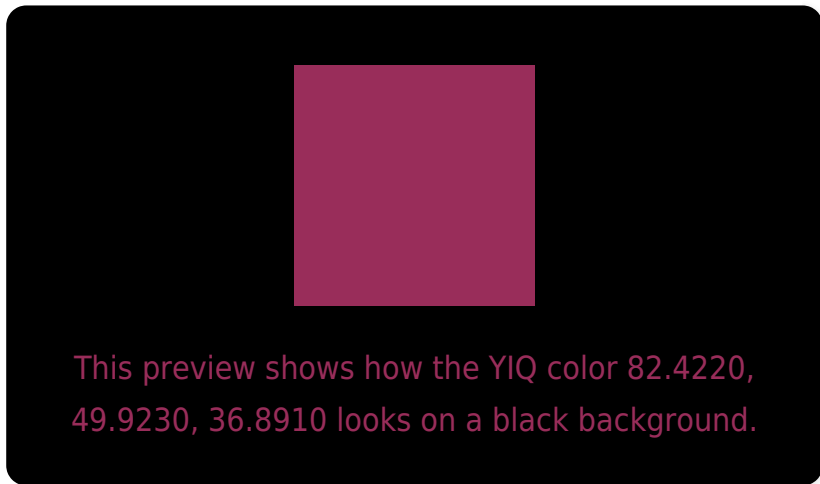
Large Text (above 18pt) WCAG AA ✓ Pass

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

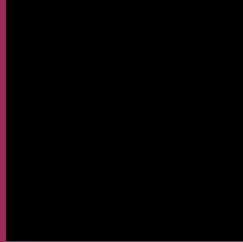
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.4220, 49.9230, 36.8910

Background



This preview shows how black text looks on a background with the YIQ color 82.4220, 49.9230, 36.8910.



This preview shows how white text looks on a background with the YIQ color 82.4220, 49.9230,

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

82.4220, 49.9230, 36.8910

Protanopia

87.3270, -13.8020, 7.8460

Deuteranopia

88.5880, 7.1520, 2.5440



Tritanopia

82.6440, 57.4450, 21.7090

Trichromacy



Original Color

82.4220, 49.9230, 36.8910

Protanomaly

85.5690, 9.3040, 18.6160

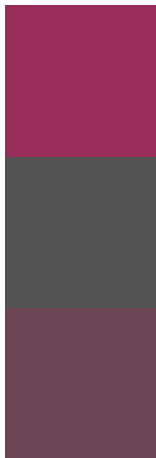
Deuteranomaly

85.9910, 22.5550, 15.2510

Tritanomaly

82.5500, 55.0140, 27.2220

Monochromacy



Original Color

82.4220, 49.9230, 36.8910

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.4850, 18.1080, 13.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.4220, 49.9230, 36.8910 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(153, 45, 90)` looks like.

```
.text, #text, p{  
    color:rgb(153, 45, 90)  
}
```

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(153, 45, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 45, 90) }
```

Border

The CSS property to change the border of an element to YIQ 82.4220, 49.9230, 36.8910 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(153, 45, 90) }
```


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

```
.border{ border-color:rgb(153, 45, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 45, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 45, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 45, 90);  
box-shadow:4px 4px 4px 4px rgb(153, 45,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 82.4220, 49.9230, 36.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 45, 90) }
```

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

```
.background{ background-color: rgb(153, 45,  
90) }
```

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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