

Converting Colors

YIQ(89.2100, 36.4410, 49.9530)

Have a look what the booklet for
YIQ(89.2100, 36.4410, 49.9530)
contains.

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Color

**YIQ(89.2100, 36.4410,
49.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2F86
RGB	155, 47, 134
RGB Percent	61%, 18%, 53%
CMY	0.3918, 0.8158, 0.4744
CMYK	0.00, 0.70, 0.14, 0.39
HSL	312°, 54%, 40%
HSV	312°, 70%, 61%
XYZ	18.8520, 10.7276, 23.6385
YIQ	89.2100, 36.4410, 49.9530

Conversions

Conversions Part 2

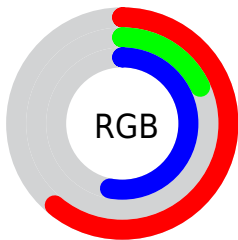
Format	Color
R_{YB}	155, 47, 134
Decimal	10170246
CIE _{Lab}	39.12, 54.02, -25.17
CIE _{LCh}	39, 59.593, 335.013
Yxy	10.7276, 0.3542, 0.2016
Android (android.graphics.Color)	4288360326 (0xFF9B2F86)
YUV	89.2100, 22.0815, 57.6978
Hunter-Lab	32.7530, 45.4230, -19.8636

Details

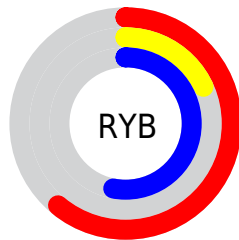
The YIQ color **89.2100, 36.4410, 49.9530** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.7900, -36.4410, -49.9530**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.5800, 38.2750, 49.7550**, and **39.4760, 32.6360, 47.3240** is the 20% darker color. If you saturate the color by 10%, you get **79.4760, 41.8040, 57.3880**, and if you desaturate by 10%, it is **98.3570, 31.3530, 43.0410**.

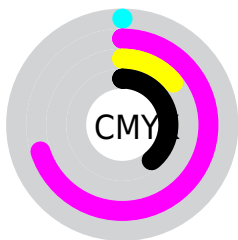
Distribution



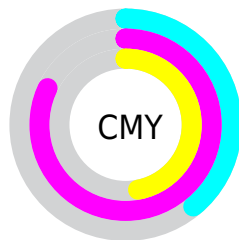
- Red (61%)
- Green (18%)
- Blue (53%)



- Red (61%)
- Yellow (18%)
- Blue (53%)



- Cyan (0%)
- Magenta (70%)
- Yellow (14%)
- Black (39%)





- Cyan (39%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.2100, 36.4410, 49.9530 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 89.2100, 36.4410, 49.9530 by changing the saturation by 10% instead.


 89.2100, 36.4410,
49.9530


 89.2100, 36.4410,
49.9530


255.0000, -0.0000,
-0.0000


 56.8560, 37.6780,
55.0700


 144.6940, 37.9540,
50.0660


 39.4760, 32.6360,
47.3240


 172.5910, 39.7420,
50.7020


 29.0800, 24.5230,
34.6590

 196.2200, 30.4810,
47.8330

 19.6950, 17.8770,
22.9410

 213.9100, 19.2500,
36.6100

 4.9990, 1.7410,
6.9970

 230.9330, 11.2750,
21.4430

 0.0000, 0.0000,
0.0000

 247.9560, 3.3000,

6.2760

■ 89.2100, 36.4410,
49.9530

■ 89.2100, 36.4410,
49.9530

■ 79.4760, 41.8040,
57.3880

■ 98.3570, 31.3530,
43.0410

■ 70.3290, 46.8920,
64.3000

■ 108.0910, 25.9900,
35.6060

■ 60.5950, 52.2550,
71.7350

■ 117.2380, 20.9020,
28.6940

■ 126.9720, 15.5390,
21.2590

■ 136.7060, 10.1760,
13.8240

■ 145.8530, 5.0880,
6.9120

■ 155.5870, -0.2750,
-0.5230

■ 164.7340, -5.3630,
-7.4350

■ 174.4680,
-10.7260, -14.8700

Harmonies

Analogous

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



93.5330, -16.2370, 35.4670



89.2100, 36.4410, 49.9530



79.1520, 68.7190, 48.6790

Triad

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



89.2100, 36.4410, 49.9530



85.9860, 37.0050, -26.3790



83.0890, -78.2620, -13.3820

Complementary

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



89.2100, 36.4410, 49.9530



112.7900, -36.4410, -49.9530

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.



77.6170, -62.8540, -28.3100



89.2100, 36.4410, 49.9530



76.8950, 2.9880, -43.1560

Square

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



89.2100, 36.4410, 49.9530



86.4940, 65.4740, -8.1740



70.6290, -45.9330, -43.1250



83.9160, -87.4800, -0.5040

Rectangle

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



89.2100, 36.4410, 49.9530



81.1890, 75.3240, 33.5960



70.6290, -45.9330, -43.1250



81.3790, -73.4470, -18.0470

Sweetspot

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



89.2100, 36.4410, 49.9530



175.4340, 14.1180, 19.4780



65.2920, -22.7480, 37.8280



86.7550, 8.4800, 11.5200



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



89.2100, 36.4410, 49.9530



98.0350, 57.0680, 78.1240



83.1680, 53.4540, 33.4700



72.0760, 2.8420, 3.5620



54.7420, 47.1670, 64.8230



5.0270, 4.5380, 5.8660

Inverse Universe

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



89.2100, 36.4410, 49.9530



98.0350, 57.0680, 78.1240



118.8320, -53.4540, -33.4700



72.0760, 2.8420, 3.5620



54.7420, 47.1670, 64.8230



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 89.2100, 36.4410, 49.9530 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 89.2100, 36.4410, 49.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

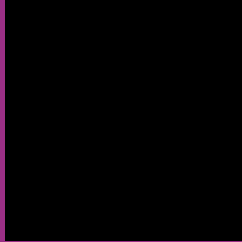
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.2100, 36.4410, 49.9530

Background



This preview shows how black text looks on a background with the YIQ color 89.2100, 36.4410, 49.9530.



This preview shows how white text looks on a background with the YIQ color 89.2100, 36.4410,

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

89.2100, 36.4410, 49.9530

Protanopia

87.8720, -48.6490, 17.1350

Deuteranopia

93.0000, -17.1950, 8.7650



Tritanopia

91.3870, 47.8630, 19.1510

Trichromacy



Original Color

89.2100, 36.4410, 49.9530

Protanomaly

88.0610, -18.0240, 29.3040

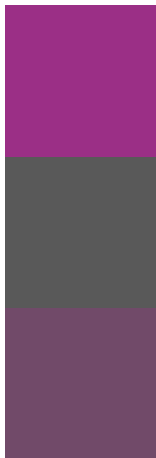
Deuteranomaly

92.0230, 2.3340, 23.7900

Tritanomaly

90.4980, 43.5970, 30.3890

Monochromacy



Original Color

89.2100, 36.4410, 49.9530

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.1950, 13.2930, 17.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.2100, 36.4410, 49.9530 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(155, 47, 134)` looks like.

```
.text, #text, p{  
    color:rgb(155, 47, 134)  
}
```

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(155, 47, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 47, 134) }
```

Border

The CSS property to change the border of an element to YIQ 89.2100, 36.4410, 49.9530 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(155, 47, 134) }
```


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

```
.border{ border-color:rgb(155, 47, 134) }
```

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

Here you see how a box with a 4 pixel rgb(155, 47, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 47, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 47, 134);  
box-shadow:4px 4px 4px 4px rgb(155, 47,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 89.2100, 36.4410, 49.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 47, 134) }
```

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

```
.background{ background-color: rgb(155, 47,  
134) }
```

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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