

Converting Colors

YIQ(115.1100, 24.9790, 48.4270)

Have a look what the booklet for
YIQ(115.1100, 24.9790, 48.4270)
contains.

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Color

**YIQ(115.1100, 24.9790,
48.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	A94DAA
RGB	169, 77, 170
RGB Percent	66%, 30%, 67%
CMY	0.3370, 0.6982, 0.3333
CMYK	0.01, 0.55, 0.00, 0.33
HSL	299°, 38%, 48%
HSV	299°, 55%, 67%
XYZ	26.2849, 16.6477, 39.8616
YIQ	115.1100, 24.9790, 48.4270

Conversions

Conversions Part 2

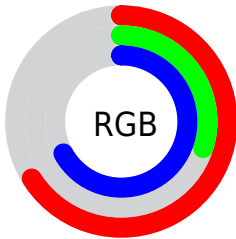
Format	Color
R_{YB}	169, 77, 170
Decimal	11095466
CIE _{Lab}	47.81, 50.70, -33.05
CIE _{LCh}	48, 60.522, 326.899
Yxy	16.6477, 0.3175, 0.2011
Android (android.graphics.Color)	4289285546 (0xFFA94DAA)
YUV	115.1100, 27.0608, 47.2615
Hunter-Lab	40.8016, 43.5888, -29.3628

Details

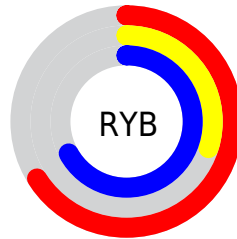
The YIQ color **115.1100, 24.9790, 48.4270** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.8900, -24.9790, -48.4270**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6480, 26.4000, 50.2080**, and **59.1640, 24.8870, 50.0950** is the 20% darker color. If you saturate the color by 10%, you get **105.1310, 29.6540, 57.3180**, and if you desaturate by 10%, it is **125.0890, 20.3040, 39.5360**.

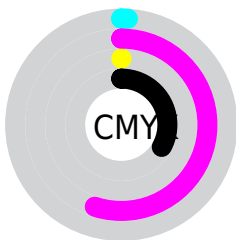
Distribution



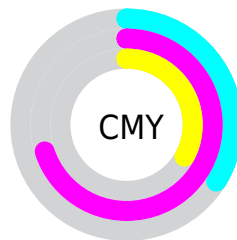
- Red (66%)
- Green (30%)
- Blue (67%)



- Red (66%)
- Yellow (30%)
- Blue (67%)



- Cyan (1%)
- Magenta (55%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (70%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.1100, 24.9790, 48.4270 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 115.1100, 24.9790, 48.4270 by changing the saturation by 10% instead.


 115.1100, 24.9790,
48.4270


 115.1100, 24.9790,
48.4270

255.0000, -0.0000,
-0.0000


 87.8110, 24.3830,
48.2150


 169.6480, 26.4000,
50.2080


 59.1640, 24.8870,
50.0950


 197.9470, 26.9960,
50.4200

 36.8000, 22.9160,
47.2680


 213.9100, 19.2500,
36.6100

 26.2900, 15.1240,
34.2920

 230.9330, 11.2750,
21.4430

 16.9050, 8.4780,
22.5740

 247.9560, 3.3000,
6.2760

 3.3230, -7.9790,
6.9410

 0.0000, 0.0000,

0.0000

■ 115.1100, 24.9790,
48.4270

■ 115.1100, 24.9790,
48.4270

■ 105.1310, 29.6540,
57.3180

■ 125.0890, 20.3040,
39.5360

■ 95.1520, 34.3290,
66.2090

■ 135.0680, 15.6290,
30.6450

■ 85.1730, 39.0040,
75.1000

■ 145.3460, 11.5500,
21.9660

■ 74.8950, 43.0830,
83.7790

■ 155.3250, 6.8750,
13.0750

■ 69.6120, 45.5580,
88.4860

■ 165.3040, 2.2000,
4.1840

■ 175.2830, -2.4750,
-4.7070

■ 185.2620, -7.1500,
-13.5980

■ 195.2410,
-11.8250, -22.4890

■ 205.5190,
-15.9040, -31.1680

Harmonies

Analogous

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



113.1440, -34.2550, 31.6090



115.1100, 24.9790, 48.4270



107.6400, 64.4090, 49.6970

Triad

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



115.1100, 24.9790, 48.4270



106.1420, 54.0610, -27.1150



97.8440, -88.1180, -21.9900

Complementary

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



115.1100, 24.9790, 48.4270



131.8900, -24.9790, -48.4270

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.



91.9160, -71.4260, -38.1620



115.1100, 24.9790, 48.4270



100.2960, 20.7320, -45.3480

Square

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



115.1100, 24.9790, 48.4270



107.7990, 75.1010, -0.9230



83.6400, -53.6340, -52.2420



100.1700, -100.1790, -7.1470

Rectangle

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



115.1100, 24.9790, 48.4270



105.8350, 76.5610, 38.7130



83.6400, -53.6340, -52.2420



96.6070, -83.2570, -27.4890

Sweetspot

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



115.1100, 24.9790, 48.4270



200.5690, 9.3040, 18.6160



88.7760, -30.4030, 27.8770



99.6730, 5.7750, 10.9830



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.



115.1100, 24.9790, 48.4270



135.1130, 39.2330, 76.4570



110.2790, 40.0200, 34.6440



79.3040, 2.2000, 4.1840



60.5260, 39.5080, 76.9800



8.2600, 5.5000, 10.4600

Inverse Universe

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



104.9210, 55.1070, 20.0270



119.1810, 86.9700, 31.7860



136.7210, -40.0200, -34.6440



78.3920, 4.7680, 1.6960



44.3660, 87.8870, 31.6870



5.9800, 11.9200, 4.2400

Previews

White Background



This preview shows how the YIQ color 115.1100, 24.9790, 48.4270 looks on a white background.

Color Contrast Check

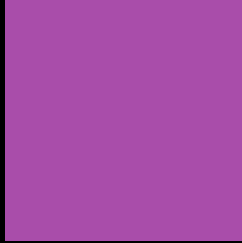
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.1100, 24.9790, 48.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

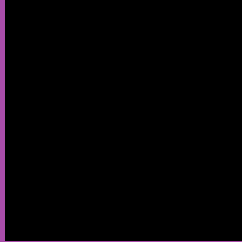
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.1100, 24.9790, 48.4270

Background



This preview shows how black text looks on a background with the YIQ color 115.1100, 24.9790, 48.4270.



This preview shows how white text looks on a background with the YIQ color 115.1100, 24.9790,

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

115.1100, 24.9790, 48.4270

Protanopia

109.7840, -51.2170, 19.6230

Deuteranopia

113.4320, -27.0990, 12.0450



Tritanopia

115.5320, 37.0890, 16.1690

Trichromacy



Original Color

115.1100, 24.9790, 48.4270

Protanomaly

111.9510, -23.5260, 29.8980

Deuteranomaly

114.1020, -8.0740, 25.1900

Tritanomaly

115.1700, 32.7770, 28.2410

Monochromacy



Original Color

115.1100, 24.9790, 48.4270

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0420, 9.3500, 17.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1100, 24.9790, 48.4270 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(169, 77, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 77, 170)  
}
```

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(169, 77, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 77, 170) }
```

Border

The CSS property to change the border of an element to YIQ 115.1100, 24.9790, 48.4270 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(169, 77, 170) }
```


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

```
.border{ border-color:rgb(169, 77, 170) }
```

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

Here you see how a box with a 4 pixel rgb(169, 77, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 77, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 77, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 77,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1100, 24.9790, 48.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 77, 170) }
```

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

```
.background{ background-color: rgb(169, 77,  
170) }
```

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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