

Converting Colors

YIQ(109.8490, 29.2470, 26.1350)

Have a look what the booklet for
YIQ(109.8490, 29.2470, 26.1350)
contains.

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Color

**YIQ(109.8490, 29.2470,
26.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	9A557A
RGB	154, 85, 122
RGB Percent	60%, 33%, 48%
CMY	0.3959, 0.6668, 0.5215
CMYK	0.00, 0.45, 0.21, 0.40
HSL	328°, 29%, 47%
HSV	328°, 45%, 60%
XYZ	20.0960, 14.7729, 20.2119
YIQ	109.8490, 29.2470, 26.1350

Conversions

Conversions Part 2

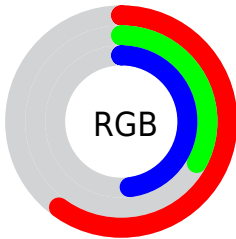
Format	Color
R_{YB}	154, 85, 122
Decimal	10114426
CIE Lab	45.32, 33.55, -8.36
CIE LCh	45, 34.580, 346.005
Yxy	14.7729, 0.3648, 0.2682
Android (android.graphics.Color)	4288304506 (0xFF9A557A)
YUV	109.8490, 5.9904, 38.7204
Hunter-Lab	38.4355, 26.0666, -4.2737

Details

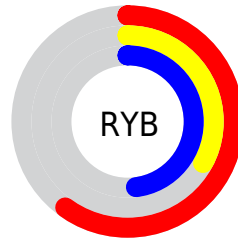
The YIQ color **109.8490, 29.2470, 26.1350** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.1510, -29.2470, -26.1350**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4580, 31.9060, 27.5060**, and **59.6530, 26.8630, 25.2870** is the 20% darker color. If you saturate the color by 10%, you get **100.2460, 35.6190, 31.8030**, and if you desaturate by 10%, it is **119.4520, 22.8750, 20.4670**.

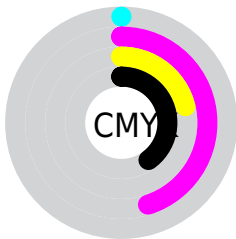
Distribution



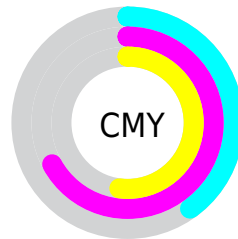
- Red (60%)
- Green (33%)
- Blue (48%)



- Red (60%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.8490, 29.2470, 26.1350 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 109.8490, 29.2470, 26.1350 by changing the saturation by 10% instead.

109.8490, 29.2470,
26.1350

109.8490, 29.2470,
26.1350

255.0000, -0.0000,
-0.0000

84.2510, 28.0550,
25.7110

162.4580, 31.9060,
27.5060

59.6530, 26.8630,
25.2870

190.1700, 32.7770,
28.2410

34.1090, 25.5790,
26.5310

214.5820, 25.6250,
25.6970

18.6690, 20.7660,
20.1420

233.8680, 9.9000,
18.8280

7.8880, 15.1750,
5.8230

250.8910, 1.9250,
3.6610

0.0000, 0.0000,
0.0000

■ 109.8490, 29.2470,
26.1350

■ 109.8490, 29.2470,
26.1350

■ 100.2460, 35.6190,
31.8030

■ 119.4520, 22.8750,
20.4670

■ 90.0560, 42.2660,
37.9940

■ 129.6420, 16.2280,
14.2760

■ 80.4530, 48.6380,
43.6620

■ 139.2450, 9.8560,
8.6080

■ 70.1490, 55.6060,
49.5420

■ 149.5490, 2.8880,
2.7280

■ 60.5460, 61.9780,
55.2100

■ 159.1520, -3.4840,
-2.9400


■ 55.5080, 65.1410,
58.4610

■ 168.7550, -9.8560,
-8.6080

■ 178.9450,
-16.5030, -14.7990

■ 188.5480,

-22.8750, -20.4670

 198.7380,
-29.5220, -26.6580

Harmonies

Analogous

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



110.6210, 3.5260, 24.2140



109.8490, 29.2470, 26.1350



108.3480, 43.5990, 19.3350

Triad

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



109.8490, 29.2470, 26.1350



103.1600, 19.2600, -18.6600



87.3120, -80.5080, -16.7320

Complementary

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



109.8490, 29.2470, 26.1350



129.1510, -29.2470, -26.1350

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.



85.5220, -72.7120, -25.8640



109.8490, 29.2470, 26.1350



99.2260, -7.4690, -24.3410

Square

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



109.8490, 29.2470, 26.1350



105.7650, 36.9100, -8.1300



90.4850, -44.9270, -28.3110



88.1910, -78.3090, -7.0210

Rectangle

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



109.8490, 29.2470, 26.1350



107.7470, 46.4890, 11.0090



90.4850, -44.9270, -28.3110



86.9870, -78.2150, -19.7430

Sweetspot

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



109.8490, 29.2470, 26.1350



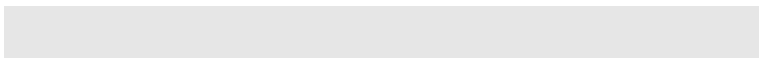
184.3700, 11.0020, 9.8660



102.1350, -3.6730, 28.0310



91.6960, 6.9680, 5.8800



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.



109.8490, 29.2470, 26.1350



131.9040, 45.7500, 40.9340



105.9730, 40.1610, 15.5610



71.8480, 3.4840, 2.9400



50.4100, 59.3650, 53.0050



4.6850, 5.5010, 4.9330

Inverse Universe

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



109.8490, 29.2470, 26.1350



131.9040, 45.7500, 40.9340



133.0270, -40.1610, -15.5610



71.8480, 3.4840, 2.9400



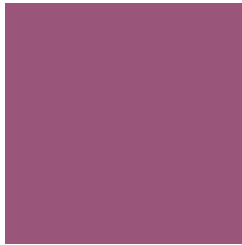
50.4100, 59.3650, 53.0050



4.6850, 5.5010, 4.9330

Previews

White Background



This preview shows how the YIQ color 109.8490, 29.2470, 26.1350 looks on a white background.

Color Contrast Check

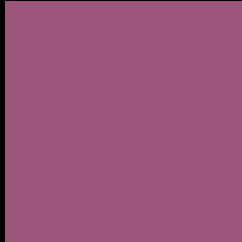
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.8490, 29.2470, 26.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

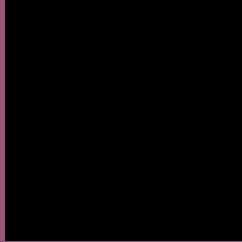
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.8490, 29.2470, 26.1350

Background



This preview shows how black text looks on a background with the YIQ color 109.8490, 29.2470, 26.1350.



This preview shows how white text looks on a background with the YIQ color 109.8490, 29.2470,

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

109.8490, 29.2470, 26.1350

Protanopia

108.3270, -13.8020, 7.8460

Deuteranopia

108.9880, 0.2740, 6.0500



Tritanopia

109.0370, 34.1090, 15.1090

Trichromacy



Original Color

109.8490, 29.2470, 26.1350

Protanomaly

109.0410, 1.9230, 14.7150

Deuteranomaly

109.4780, 10.8180, 13.2020

Tritanomaly

109.1880, 32.3660, 19.1660

Monochromacy



Original Color

109.8490, 29.2470, 26.1350

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9570, 10.7270, 9.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.8490, 29.2470, 26.1350 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(154, 85, 122)` looks like.

```
.text, #text, p{  
    color:rgb(154, 85, 122)  
}
```

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(154, 85, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 85, 122) }
```

Border

The CSS property to change the border of an element to YIQ 109.8490, 29.2470, 26.1350 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(154, 85, 122) }
```


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

```
.border{ border-color:rgb(154, 85, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 85, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 85, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 85, 122);  
box-shadow:4px 4px 4px 4px rgb(154, 85,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 109.8490, 29.2470, 26.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 85, 122) }
```

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

```
.background{ background-color: rgb(154, 85,  
122) }
```

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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