

Converting Colors

YIQ(82.6230, -7.9830, 29.0490)

Have a look what the booklet for
YIQ(82.6230, -7.9830, 29.0490)
contains.

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Color

**YIQ(82.6230, -7.9830,
29.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	5D428D
RGB	93, 66, 141
RGB Percent	36%, 26%, 55%
CMY	0.6352, 0.7412, 0.4471
CMYK	0.34, 0.53, 0.00, 0.45
HSL	262°, 36%, 41%
HSV	262°, 53%, 55%
XYZ	11.2706, 8.1462, 26.1687
YIQ	82.6230, -7.9830, 29.0490

Conversions

Conversions Part 2

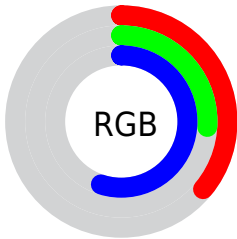
Format	Color
R_{YB}	93, 66, 141
Decimal	6111885
CIE Lab	34.29, 28.90, -37.65
CIE LCh	34, 47.460, 307.508
Yxy	8.1462, 0.2472, 0.1787
Android (android.graphics.Color)	4284301965 (0xFF5D428D)
YUV	82.6230, 28.7799, 9.1006
Hunter-Lab	28.5415, 20.5396, -34.3819

Details

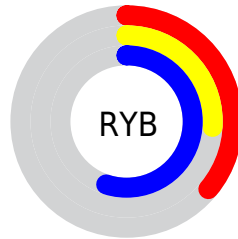
The YIQ color **82.6230, -7.9830, 29.0490** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **124.3770, 7.9830, -29.0490**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **133.3890, -7.2040, 31.4520**, and **35.1450, -9.6330, 25.9110** is the 20% darker color. If you saturate the color by 10%, you get **71.7140, -9.4970, 34.4630**, and if you desaturate by 10%, it is **93.5320, -6.4690, 23.6350**.

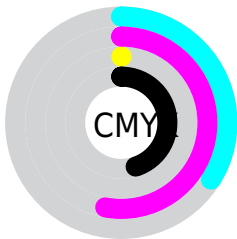
Distribution



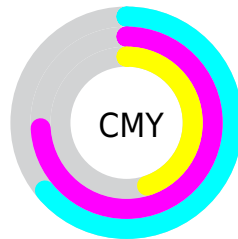
- Red (36%)
- Green (26%)
- Blue (55%)



- Red (36%)
- Yellow (26%)
- Blue (55%)



- Cyan (34%)
- Magenta (53%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (74%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.6230, -7.9830, 29.0490 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 82.6230, -7.9830, 29.0490 by changing the saturation by 10% instead.

82.6230, -7.9830,
29.0490

82.6230, -7.9830,
29.0490

255.0000, -0.0000,
-0.0000

58.6830, -8.2120,
27.6920

133.3890, -7.2040,
31.4520

35.1450, -9.6330,
25.9110

159.9160, -7.2500,
32.2860

12.6070, -11.0540,
24.1300

186.8560, -7.0210,
33.6430

4.9020, -13.8030,
13.3730

211.7180, 1.8750,
26.6030

3.0950, -7.3370,
6.3190

235.6290, 9.0750,
17.2590

0.0000, 0.0000,
0.0000

252.6520, 1.1000,

2.0920

■ 82.6230, -7.9830,
29.0490

■ 82.6230, -7.9830,
29.0490

■ 71.7140, -9.4970,
34.4630

■ 93.5320, -6.4690,
23.6350

■ 60.8050, -11.0110,
39.8770

■ 104.4410, -4.9550,
18.2210

■ 49.8960, -12.5250,
45.2910

■ 115.3500, -3.4410,
12.8070

■ 38.9870, -14.0390,
50.7050

■ 126.2590, -1.9270,
7.3930

■ 31.3230, -14.8650,
54.6630

■ 137.1680, -0.4130,
1.9790

■ 148.6640, 0.8260,
-3.9580

■ 159.5730, 2.3400,
-9.3720

■ 170.4820, 3.8540,
-14.7860

■ 181.3910, 5.3680,
-20.2000

Harmonies

Analogous

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



65.9180, -72.6260, 5.6300



82.6230, -7.9830, 29.0490



79.5970, 30.4370, 37.6130

Triad

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



82.6230, -7.9830, 29.0490



75.9100, 52.4990, -9.8130



67.6720, -55.5190, -23.5750

Complementary

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



82.6230, -7.9830, 29.0490



124.3770, 7.9830, -29.0490

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.



62.0520, -42.4500, -34.6580



82.6230, -7.9830, 29.0490



74.7450, 30.4940, -24.0180

Square

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



82.6230, -7.9830, 29.0490



76.3140, 58.1340, 14.7260



68.9090, 0.3730, -34.3070



71.3030, -67.1210, -11.5450

Rectangle

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



82.6230, -7.9830, 29.0490



76.5250, 48.1350, 36.2550



68.9090, 0.3730, -34.3070



65.6030, -51.0710, -27.0950

Sweetspot

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



82.6230, -7.9830, 29.0490



160.7090, -3.0740, 11.6620



103.3130, -37.5500, -2.3020



78.1450, -1.6060, 7.0820



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



82.6230, -7.9830, 29.0490



92.0100, -12.8460, 45.6020



93.6860, 14.0690, 36.8930



65.6950, -0.4590, 2.8130



30.0410, -14.1310, 52.3730



1.8090, -0.7800, 3.1240

Inverse Universe

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



93.8970, 29.2920, 30.8280



109.8320, 46.2530, 48.3410



113.3140, -14.0690, -36.8930



66.6630, 2.5670, 3.0390



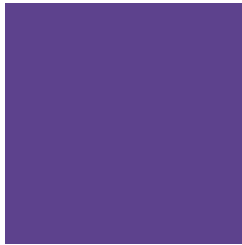
50.1690, 52.8540, 55.3660



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 82.6230, -7.9830, 29.0490 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



This preview shows how the YIQ color 82.6230, -7.9830, 29.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

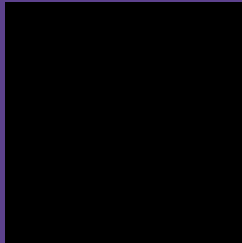
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.6230, -7.9830, 29.0490

Background



This preview shows how black text looks on a background with the YIQ color 82.6230, -7.9830, 29.0490.



This preview shows how white text looks on a background with the YIQ color 82.6230, -7.9830,

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

82.6230, -7.9830, 29.0490

Protanopia

74.8890, -47.3190, 15.0570

Deuteranopia

75.5270, -43.6040, 8.3000



Tritanopia

81.2820, -0.7340, 2.2900

Trichromacy



Original Color

82.6230, -7.9830, 29.0490

Protanomaly

78.0650, -33.0150, 20.1450

Deuteranomaly

78.0990, -30.3550, 15.9890

Tritanomaly

81.8230, -3.3950, 11.9730

Monochromacy



Original Color

82.6230, -7.9830, 29.0490

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.0680, -2.7070, 10.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.6230, -7.9830, 29.0490 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(93, 66, 141)` looks like.

```
.text, #text, p{  
    color:rgb(93, 66, 141)  
}
```

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(93, 66, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 66, 141) }
```

Border

The CSS property to change the border of an element to YIQ 82.6230, -7.9830, 29.0490 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(93, 66, 141) }
```


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

```
.border{ border-color:rgb(93, 66, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 66, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 66, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 66, 141);  
box-shadow:4px 4px 4px 4px rgb(93, 66,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 82.6230, -7.9830, 29.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 66, 141) }
```

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

```
.background{ background-color: rgb(93, 66,  
141) }
```

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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