

Converting Colors

YIQ(127.3240, 62.4830, 51.5630)

Have a look what the booklet for
YIQ(127.3240, 62.4830, 51.5630)
contains.

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Color

**YIQ(127.3240, 62.4830,
51.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4D92
RGB	219, 77, 146
RGB Percent	86%, 30%, 57%
CMY	0.1408, 0.6982, 0.4273
CMYK	0.00, 0.65, 0.33, 0.14
HSL	331°, 66%, 58%
HSV	331°, 65%, 86%
XYZ	37.0845, 22.4514, 29.5934
YIQ	127.3240, 62.4830, 51.5630

Conversions

Conversions Part 2

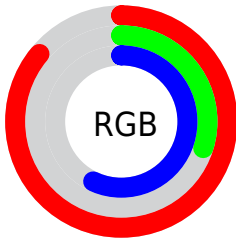
Format	Color
RYB	219, 77, 146
Decimal	14372242
CIELab	54.50, 61.47, -7.99
CIELCh	55, 61.987, 352.590
Yxy	22.4514, 0.4161, 0.2519
Android (android.graphics.Color)	4292562322 (0xFFDB4D92)
YUV	127.3240, 9.2073, 80.3999
Hunter-Lab	47.3829, 56.7839, -3.8619

Details

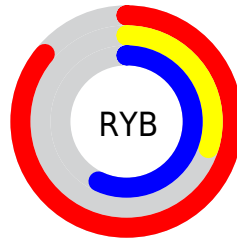
The YIQ color **127.3240, 62.4830, 51.5630** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **168.6760, -62.4830, -51.5630**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.7030, 50.9300, 46.1780**, and **58.7840, 64.5440, 63.7760** is the 20% darker color. If you saturate the color by 10%, you get **113.1560, 72.0640, 59.6480**, and if you desaturate by 10%, it is **141.4920, 52.9020, 43.4780**.

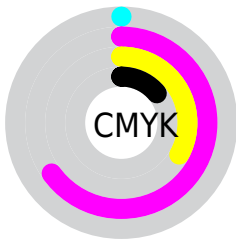
Distribution



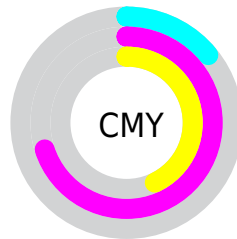
- Red (86%)
- Green (30%)
- Blue (57%)



- Red (86%)
- Yellow (30%)
- Blue (57%)



- Cyan (0%)
- Magenta (65%)
- Yellow (33%)
- Black (14%)




- Cyan (14%)
- Magenta (70%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.3240, 62.4830, 51.5630 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 127.3240, 62.4830, 51.5630 by changing the saturation by 10% instead.


 127.3240, 62.4830,
51.5630


 127.3240, 62.4830,
51.5630


255.0000, -0.0000,
-0.0000


 97.1930, 61.4740,
53.3300


 177.7030, 50.9300,
46.1780


 58.7840, 64.5440,
63.7760


 197.3310, 34.2420,
40.2420

 47.3770, 54.9640,
50.1640


 217.4320, 17.6000,
33.4720

 36.1980, 44.7420,
37.1740

 234.4550, 9.6250,
18.3050

 25.7310, 35.3910,
24.9190

 252.0650, 1.3750,
2.6150

 14.5800, 27.9660,
10.7980

 0.0000, 0.0000,

0.0000

■ 127.3240, 62.4830,
51.5630

■ 127.3240, 62.4830,
51.5630

■ 113.1560, 72.0640,
59.6480

■ 141.4920, 52.9020,
43.4780

■ 98.9880, 81.6450,
67.7330

■ 155.7740, 43.0000,
35.7040

■ 84.7060, 91.5470,
75.5070

■ 169.9420, 33.4190,
27.6190

■ 77.6790, 96.1770,
79.7050

■ 184.1100, 23.8380,
19.5340

■ 197.6910, 14.5320,
11.9720

■ 211.9730, 4.6300,
4.1980

■ 226.1410, -4.9510,
-3.8870

■ 240.3090,
-14.5320, -11.9720

■ 243.3240,
-18.8880, -10.1200

Harmonies

Analogous

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



133.7010, 18.8810, 48.8090



127.3240, 62.4830, 51.5630



124.8370, 82.2470, 34.7830

Triad

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



127.3240, 62.4830, 51.5630



117.8470, 29.3060, -46.5500



113.1470, -110.5400, -12.1080

Complementary

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



127.3240, 62.4830, 51.5630



168.6760, -62.4830, -51.5630

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.



110.3650, -97.1950, -28.1950



127.3240, 62.4830, 51.5630



107.2630, -36.3950, -50.7870

Square

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



127.3240, 62.4830, 51.5630



122.1340, 65.7070, -28.9250



103.5080, -79.2650, -44.7770



109.7850, -114.8520, -0.0360

Rectangle

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



127.3240, 62.4830, 51.5630



125.4170, 82.7090, 15.3890



103.5080, -79.2650, -44.7770



112.8390, -106.9170, -17.1970

Sweetspot

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



127.3240, 62.4830, 51.5630



223.9740, 21.2250, 17.3290



114.4170, -3.2660, 59.2140



108.5660, 13.3860, 10.7140



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



127.3240, 62.4830, 51.5630



126.5590, 87.4670, 72.3550



119.4580, 84.6320, 30.1040



102.8590, 4.9510, 3.8870



61.3030, 76.1440, 62.8000



16.2620, 20.3540, 16.5940

Inverse Universe

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



127.3240, 62.4830, 51.5630



126.5590, 87.4670, 72.3550



176.5420, -84.6320, -30.1040



102.8590, 4.9510, 3.8870



61.3030, 76.1440, 62.8000



16.2620, 20.3540, 16.5940

Previews

White Background



This preview shows how the YIQ color 127.3240, 62.4830, 51.5630 looks on a white background.

Color Contrast Check

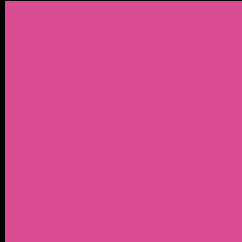
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 127.3240, 62.4830, 51.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

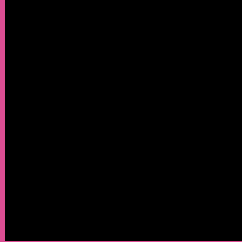
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.3240, 62.4830, 51.5630

Background



This preview shows how black text looks on a background with the YIQ color 127.3240, 62.4830, 51.5630.



This preview shows how white text looks on a background with the YIQ color 127.3240, 62.4830,

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

127.3240, 62.4830, 51.5630

Protanopia

130.7420, -25.0360, 13.2040

Deuteranopia

132.2550, 3.8960, 6.4880



Tritanopia

127.3580, 73.1700, 28.5780

Trichromacy



Original Color

127.3240, 62.4830, 51.5630

Protanomaly

129.4690, 7.0100, 27.1540

Deuteranomaly

130.7020, 25.1670, 22.9830

Tritanomaly

127.4750, 68.7670, 36.7910

Monochromacy



Original Color

127.3240, 62.4830, 51.5630

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0990, 22.3710, 18.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3240, 62.4830, 51.5630 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(219, 77, 146)` looks like.

```
.text, #text, p{  
    color:rgb(219, 77, 146)  
}
```

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(219, 77, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 77, 146) }
```

Border

The CSS property to change the border of an element to YIQ 127.3240, 62.4830, 51.5630 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(219, 77, 146) }
```


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

```
.border{ border-color:rgb(219, 77, 146) }
```

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

Here you see how a box with a 4 pixel rgb(219, 77, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 77, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 77, 146);  
box-shadow:4px 4px 4px 4px rgb(219, 77,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3240, 62.4830, 51.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 77, 146) }
```

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

```
.background{ background-color: rgb(219, 77,  
146) }
```

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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