

Converting Colors

YIQ(163.3190, 42.5430, 27.4630)

Have a look what the booklet for
YIQ(163.3190, 42.5430, 27.4630)
contains.

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Color

**YIQ(163.3190, 42.5430,
27.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	DD86A3
RGB	221, 134, 163
RGB Percent	87%, 53%, 64%
CMY	0.1331, 0.4746, 0.3606
CMYK	0.00, 0.39, 0.26, 0.13
HSL	340°, 56%, 70%
HSV	340°, 39%, 87%
XYZ	44.9705, 35.0670, 39.0663
YIQ	163.3190, 42.5430, 27.4630

Conversions

Conversions Part 2

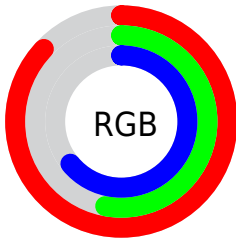
Format	Color
R_{YB}	221, 134, 163
Decimal	14517923
CIE Lab	65.80, 37.02, -1.08
CIE LCh	66, 37.039, 358.328
Yxy	35.0670, 0.3776, 0.2944
Android (android.graphics.Color)	4292708003 (0xFFDD86A3)
YUV	163.3190, -0.1573, 50.5862
Hunter-Lab	59.2174, 31.9252, 2.3380

Details

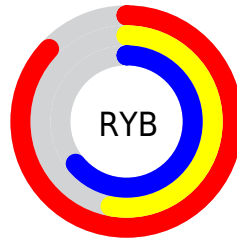
The YIQ color **163.3190, 42.5430, 27.4630** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.6810, -42.5430, -27.4630**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.4530, 30.3020, 23.5340**, and **109.8240, 39.5630, 26.4030** is the 20% darker color. If you saturate the color by 10%, you get **148.6950, 53.4080, 34.3040**, and if you desaturate by 10%, it is **177.9430, 31.6780, 20.6220**.

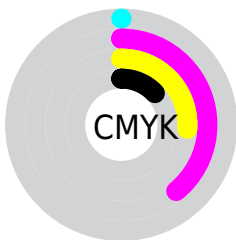
Distribution



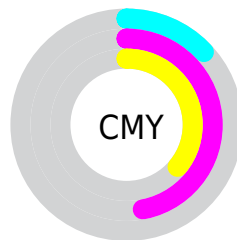
- Red (87%)
- Green (53%)
- Blue (64%)



- Red (87%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.3190, 42.5430, 27.4630 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 163.3190, 42.5430, 27.4630 by changing the saturation by 10% instead.

 163.3190, 42.5430,
27.4630


 163.3190, 42.5430,
27.4630


255.0000, -0.0000,
-0.0000


 136.4220, 40.7550,
26.8270


 211.4530, 30.3020,
23.5340


 109.8240, 39.5630,
26.4030


 231.6680, 13.3390,
17.0750

 84.0410, 37.4540,
26.0780

 249.1300, 2.7500,
5.2300

 58.6710, 35.6200,
26.2760

 31.3660, 35.1610,
29.0890

 19.8500, 27.5060,
19.1380

 9.9810, 19.3470,

7.3070

■ 0.0000, 0.0000,
0.0000

■ 163.3190, 42.5430,
27.4630

■ 163.3190, 42.5430,
27.4630

■ 148.6950, 53.4080,
34.3040

■ 177.9430, 31.6780,
20.6220

■ 134.1850, 63.9520,
41.4560

■ 192.4530, 21.1340,
13.4700

■ 119.5610, 74.8170,
48.2970

■ 207.0770, 10.2690,
6.6290

■ 104.9370, 85.6820,
55.1380

■ 221.7010, -0.5960,
-0.2120

■ 89.7260, 96.8220,
62.5020

■ 236.3250,
-11.4610, -7.0530

■ 75.2160, 107.3660,
69.6540

■ 244.3780,
-18.9800, -8.4520

■ 74.5150, 107.9620,
69.8660

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



164.2100, 18.1050, 29.8250



163.3190, 42.5430, 27.4630



161.3290, 53.7780, 16.5780

Triad

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



163.3190, 42.5430, 27.4630



153.9800, 10.7790, -24.6530



138.1460, -91.6040, -13.8760

Complementary

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



163.3190, 42.5430, 27.4630



191.6810, -42.5430, -27.4630

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.



125.5590, -109.6650, -33.4810



163.3190, 42.5430, 27.4630



149.1640, -22.0940, -29.1180

Square

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



163.3190, 42.5430, 27.4630



157.4780, 36.0400, -14.3920



140.6340, -61.5240, -30.3880



154.0250, -53.8740, 7.1980

Rectangle

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



163.3190, 42.5430, 27.4630



160.7060, 53.7340, 6.3580



140.6340, -61.5240, -30.3880



130.0360, -106.2740, -23.3460

Sweetspot

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



163.3190, 42.5430, 27.4630



234.5230, 14.9450, 9.9930



160.9610, 6.0450, 39.1410



116.0660, 8.8020, 5.6820



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.



163.3190, 42.5430, 27.4630



175.4400, 58.6800, 37.8800



167.6440, 48.2770, 11.6450



102.6310, 5.5930, 3.2650



58.3390, 84.4900, 54.7140



15.4640, 22.6010, 14.4170

Inverse Universe

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



163.3190, 42.5430, 27.4630



175.4400, 58.6800, 37.8800



187.3560, -48.2770, -11.6450



102.6310, 5.5930, 3.2650



58.3390, 84.4900, 54.7140



15.4640, 22.6010, 14.4170

Previews

White Background



This preview shows how the YIQ color 163.3190, 42.5430, 27.4630 looks on a white 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

Black Background



This preview shows how the YIQ color 163.3190, 42.5430, 27.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

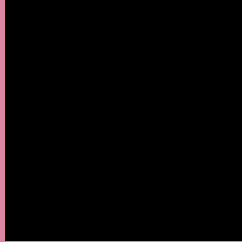
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.3190, 42.5430, 27.4630

Background



This preview shows how black text looks on a background with the YIQ color 163.3190, 42.5430, 27.4630.



This preview shows how white text looks on a background with the YIQ color 163.3190, 42.5430,

27.4630.

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

163.3190, 42.5430, 27.4630

Protanopia

160.8670, -6.6950, 5.6970

Deuteranopia

161.7350, 11.2320, 5.6960



Tritanopia

162.6580, 45.6620, 20.4940

Trichromacy



Original Color

163.3190, 42.5430, 27.4630

Protanomaly

161.8910, 11.0930, 13.7250

Deuteranomaly

161.9370, 22.6470, 13.5830

Tritanomaly

163.0540, 44.6070, 23.0950

Monochromacy



Original Color

163.3190, 42.5430, 27.4630

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.8220, 15.5410, 10.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.3190, 42.5430, 27.4630 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(221, 134, 163)` looks like.

```
.text, #text, p{  
    color:rgb(221, 134, 163)  
}
```

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(221, 134, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 134, 163) }
```

Border

The CSS property to change the border of an element to YIQ 163.3190, 42.5430, 27.4630 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(221, 134, 163) }
```


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

```
.border{ border-color:rgb(221, 134, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 134, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 134, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 134, 163);  
box-shadow:4px 4px 4px 4px rgb(221, 134,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 163.3190, 42.5430, 27.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 134, 163) }
```

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

```
.background{ background-color: rgb(221,  
134, 163) }
```

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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