

Converting Colors

YIQ(129.2430, 31.6740, 42.7300)

Have a look what the booklet for
YIQ(129.2430, 31.6740, 42.7300)
contains.

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Color

**YIQ(129.2430, 31.6740,
42.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5DA7
RGB	186, 93, 167
RGB Percent	73%, 36%, 65%
CMY	0.2703, 0.6354, 0.3450
CMYK	0.00, 0.50, 0.10, 0.27
HSL	312°, 40%, 55%
HSV	312°, 50%, 73%
XYZ	31.1539, 21.0602, 38.9907
YIQ	129.2430, 31.6740, 42.7300

Conversions

Conversions Part 2

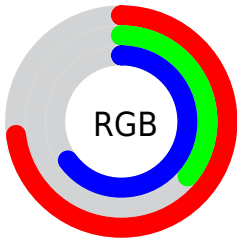
Format	Color
R _Y B	186, 93, 167
Decimal	12213671
CIE _{Lab}	53.02, 47.26, -23.03
CIE _{LCh}	53, 52.576, 334.018
Y _{xy}	21.0602, 0.3416, 0.2309
Android (android.graphics.Color)	4290403751 (0xFFBA5DA7)
YUV	129.2430, 18.6142, 49.7759
Hunter-Lab	45.8914, 40.8668, -18.2506

Details

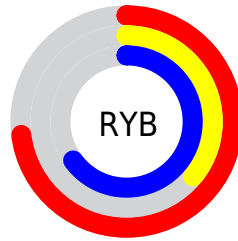
The YIQ color **129.2430, 31.6740, 42.7300** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **149.7570, -31.6740, -42.7300**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9660, 34.0120, 44.4120**, and **75.7590, 30.1610, 42.6170** is the 20% darker color. If you saturate the color by 10%, you get **117.6340, 38.1830, 51.4230**, and if you desaturate by 10%, it is **140.8520, 25.1650, 34.0370**.

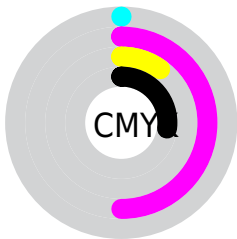
Distribution



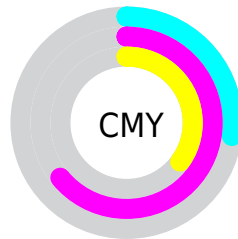
- Red (73%)
- Green (36%)
- Blue (65%)



- Red (73%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (27%)





- Cyan (27%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.2430, 31.6740, 42.7300 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 129.2430, 31.6740, 42.7300 by changing the saturation by 10% instead.


 129.2430, 31.6740,
42.7300


 129.2430, 31.6740,
42.7300


255.0000, -0.0000,
-0.0000


 102.5310, 30.8030,
41.9950


 183.9660, 34.0120,
44.4120


 75.7590, 30.1610,
42.6170


 206.9970, 23.5590,
41.1190

 44.8780, 31.4440,
46.9000

 223.8890, 14.5750,
27.7190

 30.8460, 25.3020,
37.0620

 240.9120, 6.6000,
12.5520

 20.8630, 17.4640,
24.9200

 10.0970, 7.5170,
12.4530

 0.0000, 0.0000,

0.0000

■ 129.2430, 31.6740,
42.7300

■ 129.2430, 31.6740,
42.7300

■ 117.6340, 38.1830,
51.4230

■ 140.8520, 25.1650,
34.0370

■ 106.6120, 44.4170,
59.5930

■ 151.8740, 18.9310,
25.8670

■ 95.1170, 50.6050,
68.5970

■ 163.3690, 12.7430,
16.8630

■ 84.0950, 56.8390,
76.7670

■ 174.3910, 6.5090,
8.6930

■ 72.4860, 63.3480,
85.4600

■ 186.0000, -0.0000,
-0.0000

■ 197.6090, -6.5090,
-8.6930

■ 208.6310,
-12.7430, -16.8630

■ 220.1260,
-18.9310, -25.8670

■ 228.2130,
-23.7900, -31.4220

Harmonies

Analogous

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



129.4360, -14.5860, 33.0780



129.2430, 31.6740, 42.7300



125.4080, 61.7060, 38.1060

Triad

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



129.2430, 31.6740, 42.7300



120.2810, 43.4240, -27.0720



106.3530, -96.9210, -22.1450

Complementary

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



129.2430, 31.6740, 42.7300



149.7570, -31.6740, -42.7300

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.



101.9240, -83.0720, -36.3520



129.2430, 31.6740, 42.7300



115.5520, 5.6920, -37.0920

Square

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



129.2430, 31.6740, 42.7300



123.5910, 63.8230, -5.7850



97.1970, -62.3920, -47.7040



106.9520, -105.4970, -9.8890

Rectangle

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



129.2430, 31.6740, 42.7300



123.7490, 70.5110, 27.2070



97.1970, -62.3920, -47.7040



105.3440, -92.7020, -27.0220

Sweetspot

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



129.2430, 31.6740, 42.7300



220.0700, 12.1470, 16.6510



109.2830, -18.5290, 32.9510



108.6300, 7.3340, 10.2620



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



129.2430, 31.6740, 42.7300



153.5790, 49.1840, 66.8160



123.9990, 46.4400, 28.4240



86.4890, 3.1170, 4.0850



60.7800, 53.1720, 71.6360



10.8800, 9.6260, 12.7780

Inverse Universe

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



129.2430, 31.6740, 42.7300



153.5790, 49.1840, 66.8160



155.0010, -46.4400, -28.4240



86.4890, 3.1170, 4.0850



60.7800, 53.1720, 71.6360



10.8800, 9.6260, 12.7780

Previews

White Background



This preview shows how the YIQ color 129.2430, 31.6740, 42.7300 looks on a white background.

Color Contrast Check

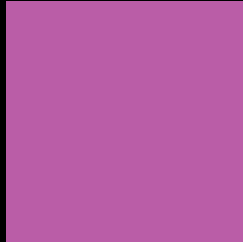
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2430, 31.6740, 42.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

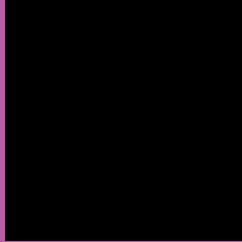
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.2430, 31.6740, 42.7300

Background



This preview shows how black text looks on a background with the YIQ color 129.2430, 31.6740, 42.7300.



This preview shows how white text looks on a background with the YIQ color 129.2430, 31.6740,

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

129.2430, 31.6740, 42.7300

Protanopia

126.3590, -34.0230, 16.3850

Deuteranopia

128.0220, -14.2610, 10.6590



Tritanopia

128.3370, 42.1320, 18.3880

Trichromacy



Original Color

129.2430, 31.6740, 42.7300

Protanomaly

127.2590, -9.9540, 26.2220

Deuteranomaly

128.3820, 2.7010, 22.6450

Tritanomaly

128.8670, 38.0040, 27.1240

Monochromacy



Original Color

129.2430, 31.6740, 42.7300

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2440, 11.5970, 15.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2430, 31.6740, 42.7300 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(186, 93, 167)` looks like.

```
.text, #text, p{  
    color:rgb(186, 93, 167)  
}
```

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(186, 93, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 93, 167) }
```

Border

The CSS property to change the border of an element to YIQ 129.2430, 31.6740, 42.7300 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(186, 93, 167) }
```


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

```
.border{ border-color:rgb(186, 93, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 93, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 93, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 93, 167); box-shadow:4px 4px 4px 4px rgb(186, 93, 167) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2430, 31.6740, 42.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 93, 167) }
```

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

```
.background{ background-color: rgb(186, 93,  
167) }
```

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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