

Converting Colors

YIQ(132.0370, 43.2770, 25.1730)

Have a look what the booklet for
YIQ(132.0370, 43.2770, 25.1730)
contains.

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Color

**YIQ(132.0370, 43.2770,
25.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	BD687F
RGB	189, 104, 127
RGB Percent	74%, 41%, 50%
CMY	0.2586, 0.5923, 0.5018
CMYK	0.00, 0.45, 0.33, 0.26
HSL	344°, 39%, 57%
HSV	344°, 45%, 74%
XYZ	29.7800, 22.2527, 22.8177
YIQ	132.0370, 43.2770, 25.1730

Conversions

Conversions Part 2

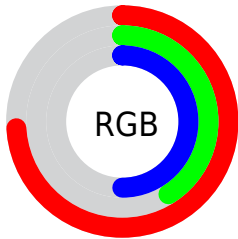
Format	Color
R_{YB}	189, 104, 127
Decimal	12413055
CIE _{Lab}	54.29, 36.61, 2.40
CIE _{LCh}	54, 36.685, 3.753
Yxy	22.2527, 0.3979, 0.2973
Android (android.graphics.Color)	4290603135 (0xFFBD687F)
YUV	132.0370, -2.4832, 49.9566
Hunter-Lab	47.1727, 30.1343, 4.3420

Details

The YIQ color **132.0370, 43.2770, 25.1730** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **160.9630, -43.2770, -25.1730**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.5320, 46.2570, 26.2330**, and **80.3570, 39.3800, 24.2120** is the 20% darker color. If you saturate the color by 10%, you get **119.2880, 52.9960, 30.7560**, and if you desaturate by 10%, it is **144.7860, 33.5580, 19.5900**.

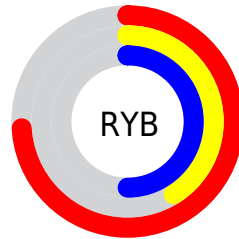
Distribution



Red (74%)

Green (41%)

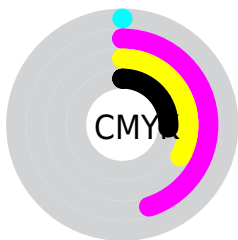
Blue (50%)



Red (74%)

Yellow (41%)

Blue (50%)

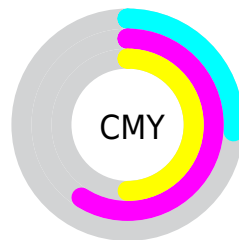


Cyan (0%)

Magenta (45%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (59%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.0370, 43.2770, 25.1730 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 132.0370, 43.2770, 25.1730 by changing the saturation by 10% instead.

 132.0370, 43.2770,
25.1730


 132.0370, 43.2770,
25.1730

255.0000, -0.0000,
-0.0000


 106.1400, 41.4890,
24.5370


 186.5320, 46.2570,
26.2330


 80.3570, 39.3800,
24.2120


 207.8510, 34.9330,
22.2050


 54.4000, 37.8210,
24.9330

 227.4790, 18.2450,
16.2690

 27.7960, 36.7660,
27.5340

 246.7820, 3.8500,
7.3220

 17.8130, 28.9280,
15.3920

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,

0.0000

■ 132.0370, 43.2770,
25.1730

■ 132.0370, 43.2770,
25.1730

■ 119.2880, 52.9960,
30.7560

■ 144.7860, 33.5580,
19.5900

■ 106.5390, 62.7150,
36.3390

■ 157.5350, 23.8390,
14.0070

■ 93.9040, 72.1130,
42.2330

■ 170.1700, 14.4410,
8.1130

■ 81.1550, 81.8320,
47.8160

■ 182.9190, 4.7220,
2.5300

■ 68.4060, 91.5510,
53.3990

■ 195.0810, -4.7220,
-2.5300

■ 62.3250, 96.2730,
55.9290

■ 207.8300,
-14.4410, -8.1130

■ 220.4650,
-23.8390, -14.0070

■ 233.2140,
-33.5580, -19.5900

■ 234.8100,
-38.0520, -15.2360

Harmonies

Analogous

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



133.7220, 22.4150, 28.8070



132.0370, 43.2770, 25.1730



130.5520, 51.5320, 13.2280

Triad

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



132.0370, 43.2770, 25.1730



123.1580, 4.4060, -24.7940



103.9710, -98.4810, -15.8970

Complementary

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



132.0370, 43.2770, 25.1730



160.9630, -43.2770, -25.1730

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.



103.8110, -92.5190, -24.8310



132.0370, 43.2770, 25.1730



117.5700, -29.1090, -28.6370

Square

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



132.0370, 43.2770, 25.1730



126.7870, 30.6760, -16.3000



100.8640, -82.8430, -34.9950



125.2000, -46.9970, 9.2190

Rectangle

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



132.0370, 43.2770, 25.1730



129.5590, 49.6540, 3.2060



100.8640, -82.8430, -34.9950



104.4610, -97.1050, -18.8090

Sweetspot

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



132.0370, 43.2770, 25.1730



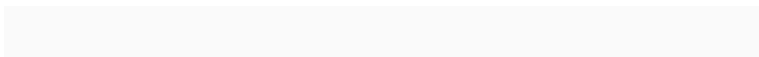
222.1920, 17.3750, 10.0070



131.9290, 9.0710, 39.3670



108.5500, 10.3150, 5.7950



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.



132.0370, 43.2770, 25.1730



156.4580, 67.4370, 38.8690



139.9810, 45.7100, 8.6060



87.9190, 4.7220, 2.5300



52.1440, 80.3650, 46.8690



10.1810, 15.9080, 9.0600

Inverse Universe

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



132.0370, 43.2770, 25.1730



156.4580, 67.4370, 38.8690



153.0190, -45.7100, -8.6060



87.9190, 4.7220, 2.5300



52.1440, 80.3650, 46.8690



10.1810, 15.9080, 9.0600

Previews

White Background



This preview shows how the YIQ color 132.0370, 43.2770, 25.1730 looks on a white background.

Color Contrast Check

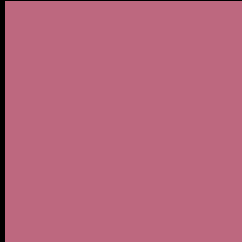
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.0370, 43.2770, 25.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

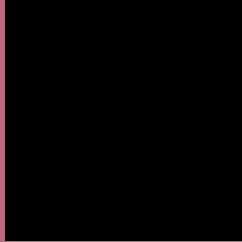
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.0370, 43.2770, 25.1730

Background



This preview shows how black text looks on a background with the YIQ color 132.0370, 43.2770, 25.1730.



This preview shows how white text looks on a background with the YIQ color 132.0370, 43.2770,

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

132.0370, 43.2770, 25.1730

Protanopia

130.4820, -4.1730, 4.0430

Deuteranopia

131.3390, 12.2870, 3.0950



Tritanopia

131.4300, 46.3040, 19.8720

Trichromacy



Original Color

132.0370, 43.2770, 25.1730

Protanomaly

131.2070, 13.0190, 11.8590

Deuteranomaly

131.5410, 23.7020, 10.9820

Tritanomaly

131.4130, 44.9740, 21.9500

Monochromacy



Original Color

132.0370, 43.2770, 25.1730

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.1810, 15.9080, 9.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0370, 43.2770, 25.1730 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(189, 104, 127)` looks like.

```
.text, #text, p{  
    color:rgb(189, 104, 127)  
}
```

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(189, 104, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 104, 127) }
```

Border

The CSS property to change the border of an element to YIQ 132.0370, 43.2770, 25.1730 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(189, 104, 127) }
```


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

```
.border{ border-color:rgb(189, 104, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 104, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 104, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 104, 127);  
box-shadow:4px 4px 4px 4px rgb(189, 104,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0370, 43.2770, 25.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 104, 127) }
```

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

```
.background{ background-color: rgb(189,  
104, 127) }
```

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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