

Converting Colors

YIQ(147.2230, 25.2580, 26.8420)

Have a look what the booklet for
YIQ(147.2230, 25.2580, 26.8420)
contains.

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Color

**YIQ(147.2230, 25.2580,
26.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7BA5
RGB	188, 123, 165
RGB Percent	74%, 48%, 65%
CMY	0.2626, 0.5177, 0.3529
CMYK	0.00, 0.35, 0.12, 0.26
HSL	321°, 33%, 61%
HSV	321°, 35%, 74%
XYZ	34.6231, 27.5736, 39.1030
YIQ	147.2230, 25.2580, 26.8420

Conversions

Conversions Part 2

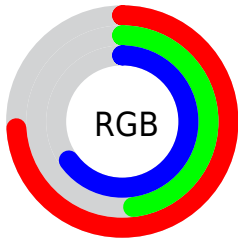
Format	Color
RYB	188, 123, 165
Decimal	12352421
CIELab	59.50, 31.65, -11.99
CIELCh	60, 33.847, 339.261
Yxy	27.5736, 0.3418, 0.2722
Android (android.graphics.Color)	4290542501 (0xFFBC7BA5)
YUV	147.2230, 8.7641, 35.7614
Hunter-Lab	52.5106, 25.8012, -7.3939

Details

The YIQ color **147.2230, 25.2580, 26.8420** is a light color, and the websafe version is hex **996699**. A complement of this color would be **163.7770, -25.2580, -26.8420**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6470, 27.0000, 28.3120**, and **95.7990, 23.5160, 25.3720** is the 20% darker color. If you saturate the color by 10%, you get **135.2720, 32.7300, 34.6020**, and if you desaturate by 10%, it is **159.1740, 17.7860, 19.0820**.

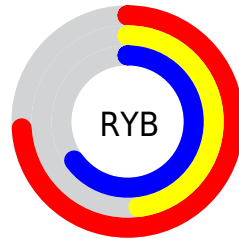
Distribution



Red (74%)

Green (48%)

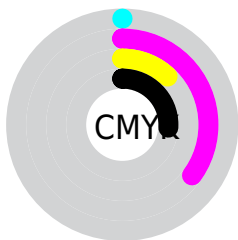
Blue (65%)



Red (74%)

Yellow (48%)

Blue (65%)

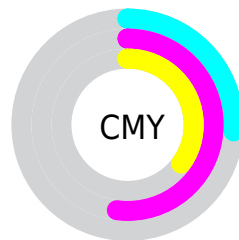


Cyan (0%)

Magenta (35%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.2230, 25.2580, 26.8420 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 147.2230, 25.2580, 26.8420 by changing the saturation by 10% instead.

■ 147.2230, 25.2580,
26.8420

■ 147.2230, 25.2580,
26.8420

255.0000, -0.0000,
-0.0000

■ 120.6250, 24.0660,
26.4180

■ 201.6470, 27.0000,
28.3120

■ 95.7990, 23.5160,
25.3720

■ 224.3790, 15.9510,
24.8070

■ 70.9020, 21.7280,
24.7360

■ 242.0860, 6.0500,
11.5060

■ 46.6030, 21.1320,
24.5240

■ 22.2440, 20.7650,
25.6690

■ 13.9840, 15.2650,
15.2090

■ 0.0000, 0.0000,

0.0000

■ 147.2230, 25.2580,
26.8420

■ 147.2230, 25.2580,
26.8420

■ 135.2720, 32.7300,
34.6020

■ 159.1740, 17.7860,
19.0820

■ 123.4350, 39.8810,
42.6730

■ 171.0110, 10.6350,
11.0110

■ 112.0710, 47.0780,
49.9100

■ 182.3750, 3.4380,
3.7740

■ 100.1200, 54.5500,
57.6700

■ 194.3260, -4.0340,
-3.9860

■ 88.2830, 61.7010,
65.7410

■ 206.1630,
-11.1850, -12.0570

■ 76.3320, 69.1730,
73.5010

■ 218.1140,
-18.6570, -19.8170

70.0060, 73.2070,
77.4870

230.0650,
-26.1290, -27.5770

230.7490,
-28.0550, -25.7110

231.5470,
-30.3020, -23.5340

Harmonies

Analogous

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



146.5710, -2.2050, 23.4510



147.2230, 25.2580, 26.8420



145.9290, 43.4610, 21.8370

Triad

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



147.2230, 25.2580, 26.8420



140.1500, 25.2200, -16.5400



112.6790, -100.9550, -26.1310

Complementary

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



147.2230, 25.2580, 26.8420



163.7770, -25.2580, -26.8420

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.



122.3220, -69.2730, -27.6170



147.2230, 25.2580, 26.8420



136.9340, -0.7750, -24.5110

Square

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



147.2230, 25.2580, 26.8420



142.5100, 42.1820, -4.5540



131.6560, -32.2270, -27.1950



130.0350, -69.0020, -4.9860

Rectangle

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



147.2230, 25.2580, 26.8420



144.6380, 48.4140, 14.6700



131.6560, -32.2270, -27.1950



112.5390, -97.7450, -29.2410

Sweetspot

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



147.2230, 25.2580, 26.8420



229.2990, 9.7640, 10.2760



137.2870, -7.1570, 25.0910



113.2120, 5.4550, 5.7670



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.



147.2230, 25.2580, 26.8420



180.3210, 40.2020, 42.3620



143.5750, 35.5300, 16.8900



88.3750, 3.4380, 3.7740



58.8700, 61.4260, 65.2180



11.5490, 12.0560, 12.7920

Inverse Universe

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



147.2230, 25.2580, 26.8420



180.3210, 40.2020, 42.3620



167.4250, -35.5300, -16.8900



88.3750, 3.4380, 3.7740



58.8700, 61.4260, 65.2180



11.5490, 12.0560, 12.7920

Previews

White Background



This preview shows how the YIQ color 147.2230, 25.2580, 26.8420 looks on a white background.

Color Contrast Check

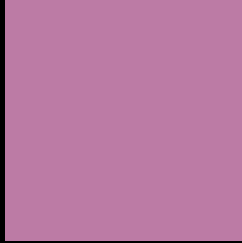
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2230, 25.2580, 26.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

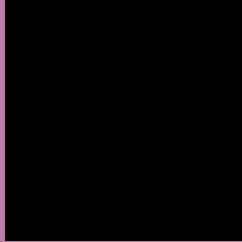
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.2230, 25.2580, 26.8420

Background



This preview shows how black text looks on a background with the YIQ color 147.2230, 25.2580, 26.8420.



This preview shows how white text looks on a background with the YIQ color 147.2230, 25.2580,

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

147.2230, 25.2580, 26.8420

Protanopia

144.0110, -15.7280, 9.7120

Deuteranopia

145.1990, -1.6980, 8.7500



Tritanopia

146.1830, 30.7620, 15.1940

Trichromacy



Original Color

147.2230, 25.2580, 26.8420

Protanomaly

145.0130, -0.8740, 15.8460

Deuteranomaly

145.9770, 7.9750, 15.1670

Tritanomaly

146.4480, 28.6980, 19.5620

Monochromacy



Original Color

147.2230, 25.2580, 26.8420

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0000, 9.1680, 10.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.2230, 25.2580, 26.8420 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(188, 123, 165)` looks like.

```
.text, #text, p{  
    color:rgb(188, 123, 165)  
}
```

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(188, 123, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 123, 165) }
```

Border

The CSS property to change the border of an element to YIQ 147.2230, 25.2580, 26.8420 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(188, 123, 165) }
```


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

```
.border{ border-color:rgb(188, 123, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 123, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 123, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 123, 165);  
box-shadow:4px 4px 4px 4px rgb(188, 123,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 147.2230, 25.2580, 26.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 123, 165) }
```

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

```
.background{ background-color: rgb(188,  
123, 165) }
```

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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