

Converting Colors

XYZ(32.4821, 26.1840, 32.6725)

Have a look what the booklet for
XYZ(32.4821, 26.1840, 32.6725)
contains.

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Color

**XYZ(32.4309, 26.2234,
32.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	B97997
RGB	185, 121, 151
RGB Percent	73%, 47%, 59%
CMY	0.2745, 0.5255, 0.4078
CMYK	0.00, 0.35, 0.18, 0.27
HSL	332°, 31%, 60%
HSV	332°, 35%, 73%
XYZ	32.4309, 26.2234, 32.6305
YIQ	143.5560, 28.5140, 22.8980

Conversions

Conversions Part 2

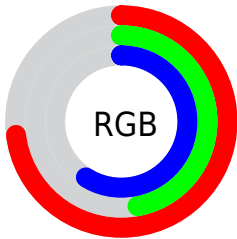
Format	Color
R_{YB}	185, 121, 151
Decimal	12155287
CIE _{Lab}	58.25, 29.35, -5.82
CIE _{LCh}	58, 29.926, 348.776
Yxy	26.2234, 0.3553, 0.2873
Android (android.graphics.Color)	4290345367 (0xFFB97997)
YUV	143.5560, 3.6699, 36.3464
Hunter-Lab	51.2088, 23.4300, -1.9337

Details

The XYZ color **32.4309, 26.2234, 32.6305** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.1517, 41.1302, 37.3094**, and the grayscale version is **26.3092, 27.6794, 30.1428**.

A 20% lighter version of the original color is **62.7734, 53.5571, 64.7866**, and **13.9136, 10.2519, 13.3021** is the 20% darker color. If you saturate the color by 10%, you get **29.6294, 21.8448, 27.9213**, and if you desaturate by 10%, it is **35.7316, 31.4933, 37.8350**.

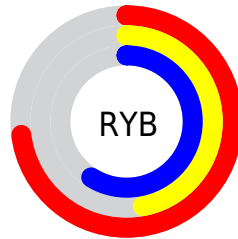
Distribution



Red (73%)

Green (47%)

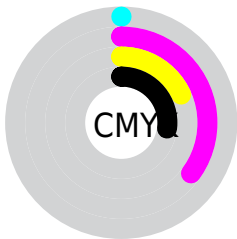
Blue (59%)



Red (73%)

Yellow (47%)

Blue (59%)

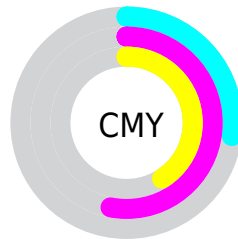


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4309, 26.2234, 32.6305 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 XYZ color 32.4309, 26.2234, 32.6305 by changing the saturation by 10% instead.


 32.4309, 26.2234,
32.6305


 32.4309, 26.2234,
32.6305


304.7880,
283.8770, 328.5622


 21.8480, 16.9908,
21.5747


 62.8466, 53.6351,
64.9076

 13.8612, 10.2280,
13.3494


 83.4102, 72.5831,
86.9660

 8.1053, 5.5504,
7.5361


 108.0313, 95.5383,
113.5290

 4.2147, 2.5737,
3.7161

137.0753,
122.8852, 145.0151

 1.8243, 0.9134,
1.4709

170.9077,
155.0081, 181.8430

 0.5323, 0.0000,
0.1961

209.8937,

 0.0000, 0.0000,

192.2914, 224.4311

0.0000

254.3987,
235.1196, 273.1980

■ 32.4309, 26.2234,
32.6305

■ 32.4309, 26.2234,
32.6305

■ 29.6294, 21.8448,
27.9213

■ 35.7316, 31.4933,
37.8350

■ 27.2985, 18.3037,
23.6891

■ 39.5536, 37.6970,
43.5491

■ 25.4100, 15.5463,
19.9166


■ 43.9202, 44.8785,
49.7882


■ 23.9316, 13.5106,
16.5842


■ 48.8528, 53.0783,
56.5666


■ 22.8263, 12.1255,
13.6707


■ 54.3714, 62.3342,
63.8981

 22.0494, 11.3048,
11.1517

 60.4953, 72.6822,
71.7958

 21.7164, 10.9978,
9.9338

 67.2425, 84.1567,
80.2724

 69.9988, 87.5268,
87.7962

 71.4157, 88.0936,
95.2573

Harmonies

Analogous

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



30.5619, 26.2234, 43.8861



32.4309, 26.2234, 32.6305



32.1477, 26.2234, 22.5805

Triad

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



32.4309, 26.2234, 32.6305



22.7412, 26.2234, 13.4808



20.5950, 26.2234, 46.4170

Complementary

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



32.4309, 26.2234, 32.6305



31.1517, 41.1302, 37.3094

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.



18.8736, 26.2234, 35.4950



32.4309, 26.2234, 32.6305



20.0269, 26.2234, 17.2853

Square

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



32.4309, 26.2234, 32.6305



26.3104, 26.2234, 13.0711



18.6762, 26.2234, 24.8298



23.5882, 26.2234, 53.0417

Rectangle

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



32.4309, 26.2234, 32.6305



30.7824, 26.2234, 17.7586



18.6762, 26.2234, 24.8298



19.8614, 26.2234, 43.0190

Sweetspot

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



32.4317, 26.2246, 32.6310



74.1805, 72.9904, 82.8267



28.9346, 24.0555, 49.0175



15.7606, 15.3556, 17.5236



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.4317, 26.2246, 32.6310



53.9555, 40.4998, 51.5472



30.4275, 25.6315, 21.4343



9.1751, 9.0804, 10.2694



14.8230, 7.5029, 6.9545



0.5539, 0.2770, 0.4101

Inverse Universe

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



32.4317, 26.2246, 32.6310



53.9555, 40.4998, 51.5472



33.7696, 41.8217, 52.1919



9.1751, 9.0804, 10.2694



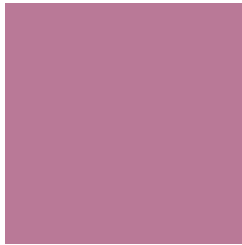
14.8230, 7.5029, 6.9545



0.5539, 0.2770, 0.4101

Previews

White Background



This preview shows how the XYZ color 32.4309, 26.2234, 32.6305 looks on a white background.

Color Contrast Check

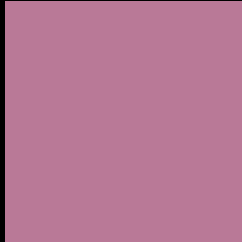
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.4309, 26.2234, 32.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

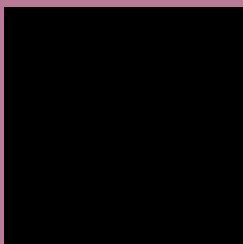
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4309, 26.2234, 32.6305

Background



This preview shows how black text looks on a background with the XYZ color 32.4309, 26.2234, 32.6305.



This preview shows how white text looks on a background with the XYZ color 32.4309, 26.2234,

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

32.4309, 26.2234, 32.6305

Protanopia

25.9968, 26.3438, 38.3650

Deuteranopia

26.7271, 26.2305, 31.6713



Tritanopia

31.0392, 26.2038, 25.9762

Trichromacy



Original Color

32.4309, 26.2234, 32.6305

Protanomaly

27.8357, 25.8758, 36.3283

Deuteranomaly

28.6454, 26.1891, 31.9790

Tritanomaly

31.5837, 26.2497, 28.2130

Monochromacy



Original Color

32.4309, 26.2234, 32.6305

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3687, 27.0858, 31.3367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4309, 26.2234, 32.6305 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(185, 121, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 151)  
}
```

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(185, 121, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.4309, 26.2234, 32.6305 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(185, 121, 151) }
```


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

```
.border{ border-color:rgb(185, 121, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4309, 26.2234, 32.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 151) }
```

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

```
.background{ background-color: rgb(185,  
121, 151) }
```

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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