

Converting Colors

XYZ(30.8023, 24.7621, 26.7232)

Have a look what the booklet for
XYZ(30.8023, 24.7621, 26.7232)
contains.

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Color

**XYZ(30.8842, 24.8430,
26.8343)**

Conversions

Conversions Part 1

Format	Color
Hex	B97589
RGB	185, 117, 137
RGB Percent	73%, 46%, 54%
CMY	0.2745, 0.5412, 0.4627
CMYK	0.00, 0.37, 0.26, 0.27
HSL	342°, 33%, 59%
HSV	342°, 37%, 73%
XYZ	30.8842, 24.8430, 26.8343
YIQ	139.6120, 34.1080, 20.6360

Conversions

Conversions Part 2

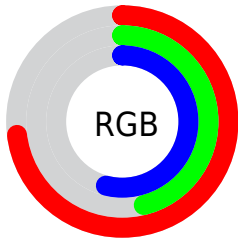
Format	Color
R_{YB}	185, 117, 137
Decimal	12154249
CIE _{Lab}	56.92, 29.43, 0.33
CIE _{LCh}	57, 29.427, 0.652
Yxy	24.8430, 0.3741, 0.3009
Android (android.graphics.Color)	4290344329 (0xFFB97589)
YUV	139.6120, -1.2877, 39.8053
Hunter-Lab	49.8428, 23.3796, 2.9694

Details

The XYZ color **30.8842, 24.8430, 26.8343** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.4777, 41.1970, 41.8921**, and the grayscale version is **24.7730, 26.0631, 28.3827**.

A 20% lighter version of the original color is **60.2869, 51.3444, 55.4482**, and **12.9334, 9.4483, 10.1589** is the 20% darker color. If you saturate the color by 10%, you get **28.0571, 20.5982, 21.5464**, and if you desaturate by 10%, it is **34.2521, 29.9874, 32.8625**.

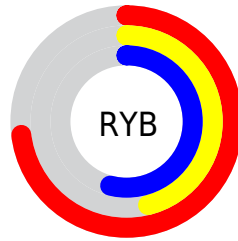
Distribution



Red (73%)

Green (46%)

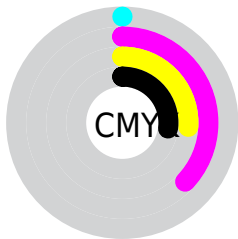
Blue (54%)



Red (73%)

Yellow (46%)

Blue (54%)

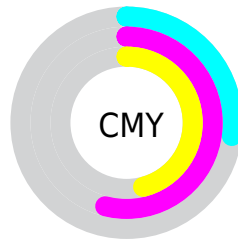


Cyan (0%)

Magenta (37%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (54%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8842, 24.8430, 26.8343 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 30.8842, 24.8430, 26.8343 by changing the saturation by 10% instead.


 30.8842, 24.8430,
26.8343


 30.8842, 24.8430,
26.8343


297.8409,
277.0552, 300.5887


 20.6621, 15.9601,
17.2175


 60.4348, 51.4024,
55.6184

 12.9883, 9.4959,
10.2261


 80.4940, 69.8477,
75.6227

 7.4974, 5.0661,
5.4415


 104.5629, 92.2493,
99.9266

 3.8242, 2.2861,
2.4454

133.0069,
118.9916, 128.9486

 1.6031, 0.7663,
0.8110

166.1913,
150.4589, 163.1073

 0.3945, 0.0000,
0.0000

204.4816,

 0.0000, 0.0000,

187.0357, 202.8212

0.0000

248.2430,
229.1063, 248.5088

■ 30.8842, 24.8430,
26.8343

■ 30.8842, 24.8430,
26.8343

■ 28.0571, 20.5982,
21.5464

■ 34.2521, 29.9874,
32.8625

■ 25.7394, 17.1974,
16.9676

■ 38.1856, 36.0758,
39.6574

■ 23.8997, 14.5844,
13.0667


■ 42.7107, 43.1536,
47.2459


■ 22.5019, 12.6945,
9.8092


■ 47.8508, 51.2626,
55.6529


■ 21.5048, 11.4526,
7.1573


■ 53.6283, 60.4418,
64.9026


 20.8530, 10.7567,
5.0665

 60.0642, 70.7286,
75.0178

 20.6830, 10.5845,
4.4929

 67.1789, 82.1581,
86.0206

 71.7162, 88.2138,
96.8405

 73.7431, 89.0245,
107.5141

Harmonies

Analogous

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



29.8779, 24.8430, 37.4674



30.8842, 24.8430, 26.8343



29.7897, 24.8430, 18.4761

Triad

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



30.8842, 24.8430, 26.8343



20.3903, 24.8430, 13.7794



20.5090, 24.8430, 47.2128

Complementary

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



30.8842, 24.8430, 26.8343



31.4777, 41.1970, 41.8921

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.



18.3544, 24.8430, 37.9344



30.8842, 24.8430, 26.8343



18.2907, 24.8430, 18.7679

Square

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



30.8842, 24.8430, 26.8343



23.5372, 24.8430, 12.1558



17.5825, 24.8430, 27.2665



23.6881, 24.8430, 50.8335

Rectangle

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



30.8842, 24.8430, 26.8343



28.0719, 24.8430, 14.8601



17.5825, 24.8430, 27.2665



19.6523, 24.8430, 44.5563

Sweetspot

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



30.8849, 24.8442, 26.8348



72.7742, 71.4541, 78.4238



30.5531, 24.1832, 48.9565



15.4547, 15.0383, 16.5142



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.



30.8849, 24.8442, 26.8348



51.2047, 38.3128, 40.4120



31.2820, 27.7252, 20.5339



9.1104, 9.0545, 9.9286



14.1115, 7.2183, 3.2079



0.5255, 0.2657, 0.2605

Inverse Universe

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



30.8849, 24.8442, 26.8348



51.2047, 38.3128, 40.4120



30.7325, 36.5626, 51.3366



9.1104, 9.0545, 9.9286



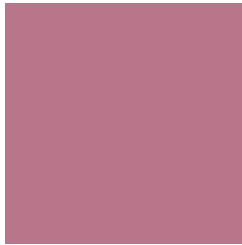
14.1115, 7.2183, 3.2079



0.5255, 0.2657, 0.2605

Previews

White Background



This preview shows how the XYZ color 30.8842, 24.8430, 26.8343 looks on a white background.

Color Contrast Check

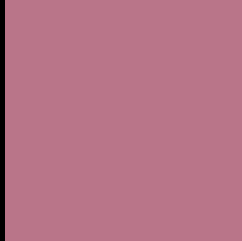
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8842, 24.8430, 26.8343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

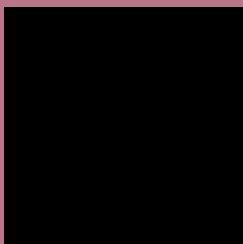
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8842, 24.8430, 26.8343

Background



This preview shows how black text looks on a background with the XYZ color 30.8842, 24.8430, 26.8343.



This preview shows how white text looks on a background with the XYZ color 30.8842, 24.8430,

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

30.8842, 24.8430, 26.8343

Protanopia

24.3028, 24.9807, 31.5578

Deuteranopia

25.4531, 25.0756, 26.0528



Tritanopia

30.2603, 24.9425, 23.6416

Trichromacy



Original Color

30.8842, 24.8430, 26.8343

Protanomaly

26.2107, 24.5842, 29.7493

Deuteranomaly

27.0668, 24.7145, 26.2655

Tritanomaly

30.3423, 24.7859, 24.6577

Monochromacy



Original Color

30.8842, 24.8430, 26.8343

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.6218, 25.4345, 27.9323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8842, 24.8430, 26.8343 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, 117, 137)` looks like.

```
.text, #text, p{  
    color:rgb(185, 117, 137)  
}
```

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, 117, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 117, 137) }
```

Border

The CSS property to change the border of an element to XYZ 30.8842, 24.8430, 26.8343 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, 117, 137) }
```


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

```
.border{ border-color:rgb(185, 117, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 117, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 117, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 117, 137);  
box-shadow:4px 4px 4px 4px rgb(185, 117,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8842, 24.8430, 26.8343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 117, 137) }
```

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

```
.background{ background-color: rgb(185,  
117, 137) }
```

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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