

Converting Colors

XYZ(26.3934, 21.7926, 23.1563)

Have a look what the booklet for
XYZ(26.3934, 21.7926, 23.1563)
contains.

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Color

**XYZ(26.4850, 21.8048,
23.2349)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7080
RGB	171, 112, 128
RGB Percent	67%, 44%, 50%
CMY	0.3294, 0.5608, 0.4980
CMYK	0.00, 0.35, 0.25, 0.33
HSL	344°, 26%, 55%
HSV	344°, 35%, 67%
XYZ	26.4850, 21.8048, 23.2349
YIQ	131.4650, 30.0280, 17.4840

Conversions

Conversions Part 2

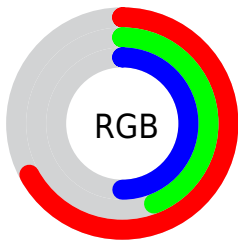
Format	Color
R_{YB}	171, 112, 128
Decimal	11235456
CIE _{Lab}	53.82, 25.64, 0.86
CIE _{LCh}	54, 25.650, 1.928
Yxy	21.8048, 0.3703, 0.3049
Android (android.graphics.Color)	4289425536 (0xFFAB7080)
YUV	131.4650, -1.7082, 34.6722
Hunter-Lab	46.6956, 19.5250, 3.1853

Details

The XYZ color **26.4850, 21.8048, 23.2349** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.1623, 34.9376, 36.3241**, and the grayscale version is **21.7387, 22.8708, 24.9063**.

A 20% lighter version of the original color is **53.2945, 46.2180, 49.8281**, and **10.5249, 7.9014, 8.3675** is the 20% darker color. If you saturate the color by 10%, you get **24.0037, 18.0754, 18.6060**, and if you desaturate by 10%, it is **29.4266, 26.2932, 28.5149**.

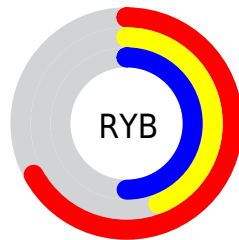
Distribution



Red (67%)

Green (44%)

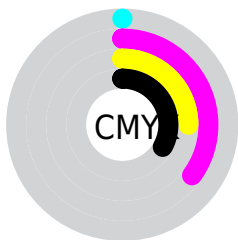
Blue (50%)



Red (67%)

Yellow (44%)

Blue (50%)

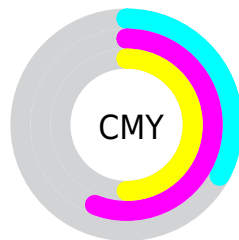


Cyan (0%)

Magenta (35%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (56%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4850, 21.8048, 23.2349 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 26.4850, 21.8048, 23.2349 by changing the saturation by 10% instead.

 26.4850, 21.8048,
23.2349


 26.4850, 21.8048,
23.2349

277.3681,
261.5252, 282.0901

 17.3214, 13.7135,
14.5601


 53.4821, 46.4232,
49.7068


 10.5606, 7.9217,
8.3681


 72.0463, 63.7191,
68.3410

 5.8373, 4.0449,
4.2402


 94.4747, 84.8519,
91.1322

 2.7861, 1.6987,
1.7580

 121.1328,
110.2062, 118.4987

 1.0417, 0.4228,
0.4001

152.3858,
140.1663, 150.8593

 0.0000, 0.0000,
0.0000

188.5991,

175.1166, 188.6323

230.1381,
215.4414, 232.2364

■ 26.4850, 21.8048,
23.2349

■ 26.4850, 21.8048,
23.2349

■ 24.0037, 18.0754,
18.6060

■ 29.4266, 26.2932,
28.5149

■ 21.9570, 15.0597,
14.6010

■ 32.8489, 31.5764,
34.4692

■ 20.3192, 12.7126,
11.1925

■ 36.7731, 37.6915,
41.1213

■ 19.0610, 10.9821,
8.3505

■ 41.2190, 44.6726,
48.4932

■ 18.1493, 9.8089,
6.0422

■ 46.2047, 52.5517,
56.6060

■ 17.5443, 9.1212,
4.2306

■ 51.7480, 61.3591,
65.4797

■ 17.2950, 8.8581,
3.4209

■ 57.8654, 71.1239,
75.1337

■ 64.5731, 81.8739,
85.5867

■ 68.3084, 86.4794,
95.6641

Harmonies

Analogous

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



25.7611, 21.8048, 31.6237



26.4850, 21.8048, 23.2349



25.5555, 21.8048, 16.5861

Triad

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



26.4850, 21.8048, 23.2349



18.0468, 21.8048, 13.0500



18.3297, 21.8048, 39.8083

Complementary

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



26.4850, 21.8048, 23.2349



27.1623, 34.9376, 36.3241

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.



16.5448, 21.8048, 32.7062



26.4850, 21.8048, 23.2349



16.3918, 21.8048, 17.2920

Square

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



26.4850, 21.8048, 23.2349



20.5471, 21.8048, 11.5746



15.8669, 21.8048, 24.2559



20.9036, 21.8048, 42.3692

Rectangle

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



26.4850, 21.8048, 23.2349



24.1674, 21.8048, 13.6863



15.8669, 21.8048, 24.2559



17.6257, 21.8048, 37.8054

Sweetspot

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



26.4856, 21.8058, 23.2353



61.7568, 61.1002, 66.7277



26.5260, 21.4276, 41.2660



13.5619, 13.2986, 14.5232



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.4856, 21.8058, 23.2353



44.1431, 34.0946, 35.5092



27.0262, 24.4412, 18.6238



8.0911, 8.0497, 8.7907



13.0573, 6.6855, 2.6812



0.3863, 0.1952, 0.1960

Inverse Universe

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



26.4856, 21.8058, 23.2353



44.1431, 34.0946, 35.5092



26.2974, 30.9134, 43.1089



8.0911, 8.0497, 8.7907



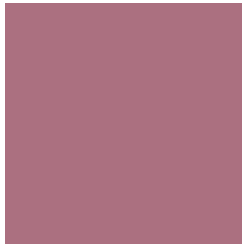
13.0573, 6.6855, 2.6812



0.3863, 0.1952, 0.1960

Previews

White Background



This preview shows how the XYZ color 26.4850, 21.8048, 23.2349 looks on a white background.

Color Contrast Check

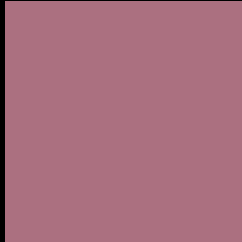
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4850, 21.8048, 23.2349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

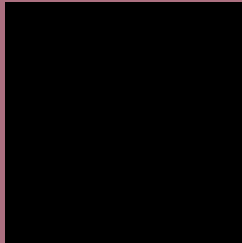
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4850, 21.8048, 23.2349

Background



This preview shows how black text looks on a background with the XYZ color 26.4850, 21.8048, 23.2349.



This preview shows how white text looks on a background with the XYZ color 26.4850, 21.8048,

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

26.4850, 21.8048, 23.2349

Protanopia

21.3599, 21.9404, 27.1539

Deuteranopia

22.4272, 22.0132, 22.8056



Tritanopia

25.9955, 21.7614, 21.2426

Trichromacy



Original Color

26.4850, 21.8048, 23.2349

Protanomaly

22.7642, 21.5696, 25.5178

Deuteranomaly

23.6841, 21.7376, 23.0262

Tritanomaly

26.1208, 21.8115, 21.9021

Monochromacy



Original Color

26.4850, 21.8048, 23.2349

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.0910, 22.1380, 24.1751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4850, 21.8048, 23.2349 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(171, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(171, 112, 128)  
}
```

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(171, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 112, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.4850, 21.8048, 23.2349 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(171, 112, 128) }
```


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

```
.border{ border-color:rgb(171, 112, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(171, 112,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4850, 21.8048, 23.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 112, 128) }
```

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

```
.background{ background-color: rgb(171,  
112, 128) }
```

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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