

Converting Colors

XYZ(26.8796, 23.9124, 26.8118)

Have a look what the booklet for
XYZ(26.8796, 23.9124, 26.8118)
contains.

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Color

**XYZ(26.9082, 23.8646,
26.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	A47B89
RGB	164, 123, 137
RGB Percent	64%, 48%, 54%
CMY	0.3569, 0.5176, 0.4627
CMYK	0.00, 0.25, 0.16, 0.36
HSL	340°, 18%, 56%
HSV	340°, 25%, 64%
XYZ	26.9082, 23.8646, 26.8550
YIQ	136.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

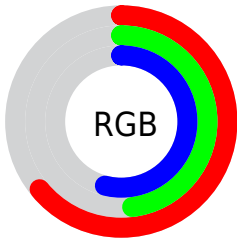
Format	Color
RYB	164, 123, 137
Decimal	10779529
CIELab	55.95, 18.17, -1.37
CIELCh	56, 18.225, 355.688
Yxy	23.8646, 0.3466, 0.3074
Android (android.graphics.Color)	4288969609 (0xFFA47B89)
YUV	136.8550, 0.0715, 23.8062
Hunter-Lab	48.8514, 12.8309, 1.6026

Details

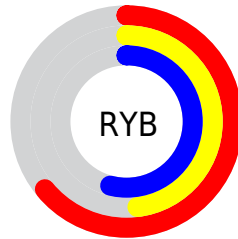
The XYZ color **26.9082, 23.8646, 26.8550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9499, 32.9646, 33.7983**, and the grayscale version is **23.7182, 24.9533, 27.1742**.

A 20% lighter version of the original color is **54.0330, 49.8284, 55.4852**, and **10.8512, 9.0304, 10.1880** is the 20% darker color. If you saturate the color by 10%, you get **24.3053, 19.8371, 22.3543**, and if you desaturate by 10%, it is **29.9309, 28.6069, 31.8789**.

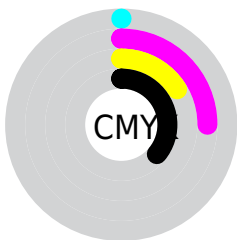
Distribution



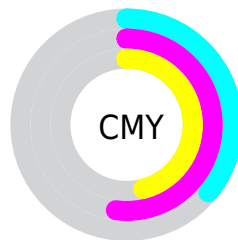
- Red (64%)
- Green (48%)
- Blue (54%)



- Red (64%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (36%)



- Cyan (36%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9082, 23.8646, 26.8550 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 26.9082, 23.8646, 26.8550 by changing the saturation by 10% instead.

■ 26.9082, 23.8646,
26.8550

■ 26.9082, 23.8646,
26.8550

279.3880,
272.1352, 300.6923

■ 17.6405, 15.2332,
17.2329

■ 54.1575, 49.8092,
55.6520

■ 10.7903, 8.9832,
10.2370

■ 72.8697, 67.8911,
75.6640

■ 5.9923, 4.7302,
5.4487

■ 95.4609, 89.8921,
99.9763

■ 2.8810, 2.0899,
2.4496

122.2964,
116.1964, 129.0075

■ 1.0911, 0.6589,
0.8132

153.7415,
147.1884, 163.1762

■ 0.0177, 0.0000,
0.0000

190.1615,

■ 0.0000, 0.0000,

183.2527, 202.9009

0.0000

231.9219,
224.7735, 248.6001

■ 26.9082, 23.8646,
26.8550

■ 26.9082, 23.8646,
26.8550

■ 24.3053, 19.8371,
22.3543

■ 29.9309, 28.6069,
31.8789

■ 22.1009, 16.4864,
18.3576

■ 33.3892, 34.0933,
37.4412

■ 20.2749, 13.7757,
14.8469

■ 37.3008, 40.3552,
43.5584

■ 18.8045, 11.6634,
11.8022

■ 41.6817, 47.4214,
50.2457

■ 17.6643, 10.1032,
9.2020

■ 46.5469, 55.3192,
57.5177

■ 16.8253, 9.0415,
7.0227

■ 51.9111, 64.0745,
65.3885

■ 16.2520, 8.4119,
5.2379

■ 57.7881, 73.7121,
73.8718

■ 16.0236, 8.1780,
4.4743

■ 64.1912, 84.2559,
82.9806

■ 65.9513, 85.3651,
91.0005

Harmonies

Analogous

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



26.1484, 23.8646, 32.9893



26.9082, 23.8646, 26.8550



26.4803, 23.8646, 21.3297

Triad

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



26.9082, 23.8646, 26.8550



20.9930, 23.8646, 16.9703



20.5024, 23.8646, 36.6379

Complementary

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



26.9082, 23.8646, 26.8550



26.9499, 32.9646, 33.7983

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.



19.2665, 23.8646, 31.2715



26.9082, 23.8646, 26.8550



19.5374, 23.8646, 20.0489

Square

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



26.9082, 23.8646, 26.8550



22.9845, 23.8646, 16.1561



18.9243, 23.8646, 25.1330



22.3833, 23.8646, 39.1587

Rectangle

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



26.9082, 23.8646, 26.8550



25.5922, 23.8646, 18.6212



18.9243, 23.8646, 25.1330



20.0023, 23.8646, 35.0706

Sweetspot

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



26.9089, 23.8657, 26.8555



59.1990, 59.6432, 65.7236



26.2981, 23.2983, 38.2333



12.8645, 12.9158, 14.2447



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.9089, 23.8657, 26.8555



46.1215, 39.0937, 44.0838



26.7559, 25.0638, 22.1678



7.1689, 7.1240, 7.8760



12.3065, 6.2786, 3.5385



0.2800, 0.1405, 0.1874

Inverse Universe

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



26.9089, 23.8657, 26.8555



46.1215, 39.0937, 44.0838



27.0714, 31.2946, 39.7360



7.1689, 7.1240, 7.8760



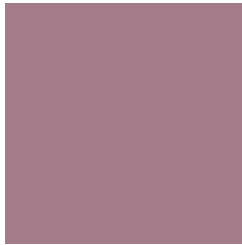
12.3065, 6.2786, 3.5385



0.2800, 0.1405, 0.1874

Previews

White Background



This preview shows how the XYZ color 26.9082, 23.8646, 26.8550 looks on a white background.

Color Contrast Check

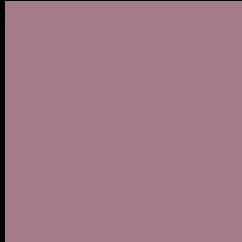
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9082, 23.8646, 26.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

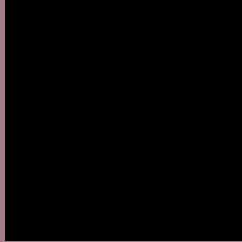
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9082, 23.8646, 26.8550

Background



This preview shows how black text looks on a background with the XYZ color 26.9082, 23.8646, 26.8550.



This preview shows how white text looks on a background with the XYZ color 26.9082, 23.8646,

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

26.9082, 23.8646, 26.8550

Protanopia

23.3145, 24.1017, 29.4099

Deuteranopia

24.4592, 23.9459, 26.6254



Tritanopia

26.7511, 24.0013, 25.4131

Trichromacy



Original Color

26.9082, 23.8646, 26.8550

Protanomaly

24.4674, 23.9081, 28.5245

Deuteranomaly

25.1702, 23.7286, 26.5460

Tritanomaly

26.8206, 24.0290, 25.7787

Monochromacy



Original Color

26.9082, 23.8646, 26.8550

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7992, 24.5117, 27.0911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9082, 23.8646, 26.8550 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(164, 123, 137)` looks like.

```
.text, #text, p{  
    color:rgb(164, 123, 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(164, 123, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 123, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.9082, 23.8646, 26.8550 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(164, 123, 137) }
```


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

```
.border{ border-color:rgb(164, 123, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 123, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 123, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 123, 137);  
box-shadow:4px 4px 4px 4px rgb(164, 123,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9082, 23.8646, 26.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 123, 137) }
```

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

```
.background{ background-color: rgb(164,  
123, 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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