

Converting Colors

XYZ(28.8787, 22.4726, 23.8558)

Have a look what the booklet for
XYZ(28.8787, 22.4726, 23.8558)
contains.

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Color

**XYZ(29.0263, 22.6163,
23.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	B76D82
RGB	183, 109, 130
RGB Percent	72%, 43%, 51%
CMY	0.2824, 0.5725, 0.4902
CMYK	0.00, 0.40, 0.29, 0.28
HSL	343°, 34%, 57%
HSV	343°, 40%, 72%
XYZ	29.0263, 22.6163, 23.9546
YIQ	133.5200, 37.3630, 22.2190

Conversions

Conversions Part 2

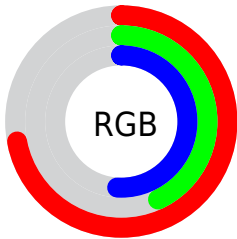
Format	Color
RYB	183, 109, 130
Decimal	12021122
CIELab	54.67, 32.08, 1.12
CIELCh	55, 32.095, 1.994
Yxy	22.6163, 0.3840, 0.2992
Android (android.graphics.Color)	4290211202 (0xFFB76D82)
YUV	133.5200, -1.7354, 43.3940
Hunter-Lab	47.5566, 25.7239, 3.4248

Details

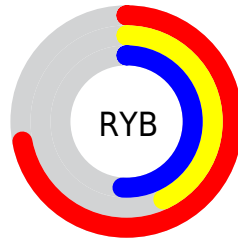
The XYZ color **29.0263, 22.6163, 23.9546** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7628, 39.7273, 40.2840**, and the grayscale version is **22.4812, 23.6520, 25.7570**.

A 20% lighter version of the original color is **57.7432, 47.9603, 51.0136**, and **11.9513, 8.3112, 8.7589** is the 20% darker color. If you saturate the color by 10%, you get **26.4490, 18.7810, 19.0278**, and if you desaturate by 10%, it is **32.1234, 27.3114, 29.6081**.

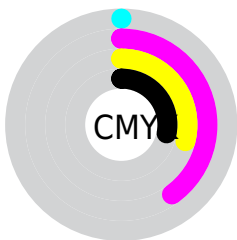
Distribution



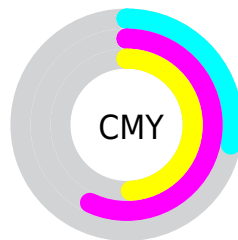
- Red (72%)
- Green (43%)
- Blue (51%)



- Red (72%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (40%)
- Yellow (29%)
- Black (28%)





- Cyan (28%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0263, 22.6163, 23.9546 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 29.0263, 22.6163, 23.9546 by changing the saturation by 10% instead.


 29.0263, 22.6163,
23.9546


 29.0263, 22.6163,
23.9546


289.3310,
265.7481, 285.8700


 19.2451, 14.3104,
15.0881

 57.5161, 47.7625,
50.8990

 11.9526, 8.3369,
8.7339


 76.9555, 65.3717,
69.8140

 6.7834, 4.3113,
4.4736


 100.3449, 86.8507,
92.9154

 3.3721, 1.8492,
1.8886

 128.0498,
112.5840, 120.6220

 1.3535, 0.5175,
0.4855

160.4355,
142.9560, 153.3522

 0.2227, 0.0000,
0.0000

197.8674,

 0.0000, 0.0000,

178.3511, 191.5246

0.0000

240.7107,
219.1537, 235.5577

■ 29.0263, 22.6163,
23.9546

■ 29.0263, 22.6163,
23.9546

■ 26.4490, 18.7810,
19.0278

■ 32.1234, 27.3114,
29.6081

■ 24.3599, 15.7497,
14.7958

■ 35.7656, 32.9112,
36.0158

■ 22.7270, 13.4652,
11.2261


■ 39.9787, 39.4610,
43.2050


■ 21.5132, 11.8612,
8.2829


■ 44.7865, 47.0025,
51.2016


■ 20.6754, 10.8595,
5.9262

■ 50.2112, 55.5748,
60.0300

 20.1466, 10.3145,
4.1690

 56.2739, 65.2146,
69.7136

 62.9948, 75.9573,
80.2750

 70.2637, 87.5774,
91.6926

 72.2268, 88.3626,
102.0300

Harmonies

Analogous

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



28.0700, 22.6163, 34.9390



29.0263, 22.6163, 23.9546



27.7886, 22.6163, 15.6876

Triad

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



29.0263, 22.6163, 23.9546



18.0936, 22.6163, 11.5346



18.4610, 22.6163, 46.1096

Complementary

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



29.0263, 22.6163, 23.9546



29.7628, 39.7273, 40.2840

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.



16.2334, 22.6163, 36.4403



29.0263, 22.6163, 23.9546



16.0382, 22.6163, 16.5718

Square

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



29.0263, 22.6163, 23.9546



21.2606, 22.6163, 9.8486



15.3958, 22.6163, 25.3084



21.7333, 22.6163, 49.6398

Rectangle

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



29.0263, 22.6163, 23.9546



25.9569, 22.6163, 12.2552



15.3958, 22.6163, 25.3084



17.5781, 22.6163, 43.3593

Sweetspot

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



29.0269, 22.6174, 23.9550



70.1942, 68.4779, 75.0046



28.6744, 21.9138, 47.5182



15.2801, 14.7761, 16.1872



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.



29.0269, 22.6174, 23.9550



47.6320, 34.0225, 34.5927



29.4722, 25.5378, 17.8454



9.1066, 9.0530, 9.9087



14.0806, 7.2060, 3.0451



0.5239, 0.2650, 0.2521

Inverse Universe

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



29.0269, 22.6174, 23.9550



47.6320, 34.0225, 34.5927



28.8943, 34.7500, 49.9842



9.1066, 9.0530, 9.9087



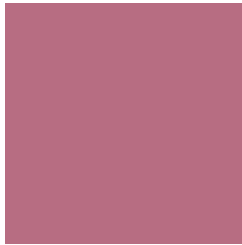
14.0806, 7.2060, 3.0451



0.5239, 0.2650, 0.2521

Previews

White Background



This preview shows how the XYZ color 29.0263, 22.6163, 23.9546 looks on a white background.

Color Contrast Check

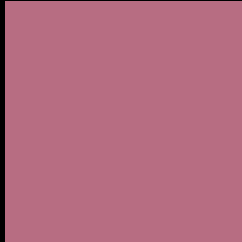
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0263, 22.6163, 23.9546 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 29.0263, 22.6163, 23.9546

Background



This preview shows how black text looks on a background with the XYZ color 29.0263, 22.6163, 23.9546.



This preview shows how white text looks on a background with the XYZ color 29.0263, 22.6163,

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

29.0263, 22.6163, 23.9546

Protanopia

22.1465, 22.6943, 29.1998

Deuteranopia

23.2742, 22.8220, 23.2571



Tritanopia

28.3056, 22.6459, 20.3320

Trichromacy



Original Color

29.0263, 22.6163, 23.9546

Protanomaly

23.9414, 22.1436, 27.0571

Deuteranomaly

24.9108, 22.3624, 23.4255

Tritanomaly

28.4425, 22.5270, 21.5880

Monochromacy



Original Color

29.0263, 22.6163, 23.9546

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.5161, 23.0361, 25.3446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0263, 22.6163, 23.9546 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(183, 109, 130)` looks like.

```
.text, #text, p{  
    color:rgb(183, 109, 130)  
}
```

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(183, 109, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 109, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.0263, 22.6163, 23.9546 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(183, 109, 130) }
```


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

```
.border{ border-color:rgb(183, 109, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 109, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 109, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 109, 130);  
box-shadow:4px 4px 4px 4px rgb(183, 109,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0263, 22.6163, 23.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 109, 130) }
```

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

```
.background{ background-color: rgb(183,  
109, 130) }
```

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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