

Converting Colors

XYZ(28.6411, 24.7812, 34.2840)

Have a look what the booklet for
XYZ(28.6411, 24.7812, 34.2840)
contains.

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Color

**XYZ(28.6411, 24.7812,
34.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	A57C9B
RGB	165, 124, 155
RGB Percent	65%, 49%, 61%
CMY	0.3529, 0.5137, 0.3922
CMYK	0.00, 0.25, 0.06, 0.35
HSL	315°, 19%, 57%
HSV	315°, 25%, 65%
XYZ	28.6411, 24.7812, 34.2840
YIQ	139.7930, 14.4850, 18.3330

Conversions

Conversions Part 2

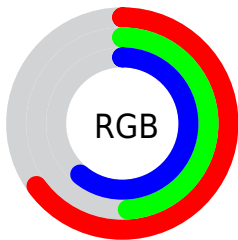
Format	Color
R_{YB}	165, 124, 155
Decimal	10845339
CIE _{Lab}	56.86, 21.15, -10.44
CIE _{LCh}	57, 23.590, 333.733
Yxy	24.7812, 0.3266, 0.2825
Android (android.graphics.Color)	4289035419 (0xFFA57C9B)
YUV	139.7930, 7.4971, 22.1065
Hunter-Lab	49.7807, 15.5829, -5.9865

Details

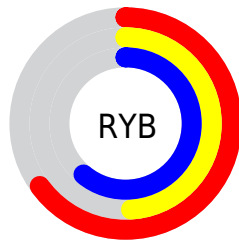
The XYZ color **28.6411, 24.7812, 34.2840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.0714, 32.9173, 27.5354**, and the grayscale version is **24.8155, 26.1078, 28.4314**.

A 20% lighter version of the original color is **56.7460, 51.2634, 67.2256**, and **11.8248, 9.5423, 14.3153** is the 20% darker color. If you saturate the color by 10%, you get **26.4116, 20.8538, 31.9010**, and if you desaturate by 10%, it is **31.2294, 29.4073, 36.8427**.

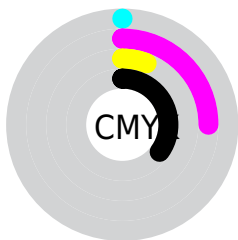
Distribution



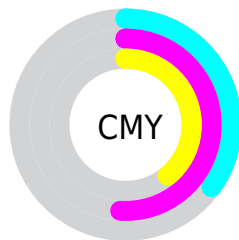
- Red (65%)
- Green (49%)
- Blue (61%)



- Red (65%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6411, 24.7812, 34.2840 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 28.6411, 24.7812, 34.2840 by changing the saturation by 10% instead.

■ 28.6411, 24.7812,
34.2840

■ 28.6411, 24.7812,
34.2840

287.5426,
276.7465, 336.2043

■ 18.9524, 15.9141,
22.8327

■ 56.9079, 51.3020,
67.5140

■ 11.7397, 9.4634,
14.2659

■ 76.2167, 69.7246,
90.1298

■ 6.6376, 5.0447,
8.1650

■ 99.4629, 92.1011,
117.3042

■ 3.2808, 2.2735,
4.1114

127.0119,
118.8159, 149.4558

■ 1.3040, 0.7596,
1.6867

159.2290,
150.2535, 187.0031

■ 0.1862, 0.0000,
0.3516

196.4796,

■ 0.0000, 0.0000,

186.7982, 230.3645

0.0000

239.1290,
228.8344, 279.9587

■ 28.6411, 24.7812,
34.2840

■ 28.6411, 24.7812,
34.2840

■ 26.4116, 20.8538,
31.9010

■ 31.2294, 29.4073,
36.8427

■ 24.5213, 17.5873,
29.6859

■ 34.1903, 34.7609,
39.5815

■ 22.9521, 14.9454,
27.6324

■ 37.5397, 40.8731,
42.5064

■ 21.6835, 12.8871,
25.7330

■ 41.2918, 47.7723,
45.6227

■ 20.6922, 11.3662,
23.9795

■ 45.4603, 55.4853,
48.9354

■ 19.9516, 10.3295,
22.3624

■ 50.0579, 64.0379,
52.4494

■ 19.4290, 9.7118,
20.8702

■ 55.0971, 73.4545,
56.1691

■ 19.2031, 9.4738,
20.1359

■ 60.2682, 83.1158,
59.9920

■ 60.7059, 83.2909,
62.2967

Harmonies

Analogous

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



26.6259, 24.7812, 41.7006



28.6411, 24.7812, 34.2840



29.2570, 24.7812, 26.0048

Triad

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



28.6411, 24.7812, 34.2840



23.2099, 24.7812, 14.4790



19.4098, 24.7812, 36.3346

Complementary

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



28.6411, 24.7812, 34.2840



26.0714, 32.9173, 27.5354

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.



18.6445, 24.7812, 27.9844



28.6411, 24.7812, 34.2840



20.7276, 24.7812, 16.2127

Square

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



28.6411, 24.7812, 34.2840



25.9816, 24.7812, 15.5181



19.1076, 24.7812, 20.7991



21.2821, 24.7812, 43.0376

Rectangle

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



28.6411, 24.7812, 34.2840



28.7542, 24.7812, 21.3154



19.1076, 24.7812, 20.7991



19.0215, 24.7812, 33.5744

Sweetspot

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



28.6418, 24.7823, 34.2845



59.9614, 59.9482, 69.7386



23.7629, 22.1660, 38.6238



13.0434, 12.9874, 15.1867



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.



28.6418, 24.7823, 34.2845



48.9405, 40.2213, 58.9284



27.0941, 24.1632, 26.1342



7.2901, 7.1725, 8.5142



14.5476, 7.1751, 15.3402



0.3225, 0.1575, 0.4112

Inverse Universe

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



28.6418, 24.7823, 34.2845



48.9405, 40.2213, 58.9284



27.6065, 33.5314, 35.6189



7.2901, 7.1725, 8.5142



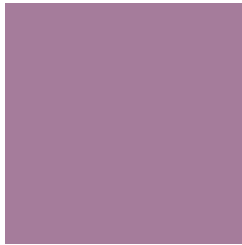
14.5476, 7.1751, 15.3402



0.3225, 0.1575, 0.4112

Previews

White Background



This preview shows how the XYZ color 28.6411, 24.7812, 34.2840 looks on a white background.

Color Contrast Check

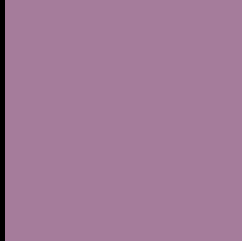
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6411, 24.7812, 34.2840 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 28.6411, 24.7812, 34.2840

Background



This preview shows how black text looks on a background with the XYZ color 28.6411, 24.7812, 34.2840.



This preview shows how white text looks on a background with the XYZ color 28.6411, 24.7812,

34.2840.

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

28.6411, 24.7812, 34.2840

Protanopia

24.7751, 25.0780, 38.1851

Deuteranopia

25.2926, 24.8257, 33.5958



Tritanopia

27.2090, 24.7714, 27.0142

Trichromacy



Original Color

28.6411, 24.7812, 34.2840

Protanomaly

25.9241, 24.8802, 36.6937

Deuteranomaly

26.3930, 24.7824, 33.9643

Tritanomaly

27.8047, 24.8278, 29.7123

Monochromacy



Original Color

28.6411, 24.7812, 34.2840

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.0304, 25.4841, 30.3350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6411, 24.7812, 34.2840 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(165, 124, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 124, 155)  
}
```

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(165, 124, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 124, 155) }
```

Border

The CSS property to change the border of an element to XYZ 28.6411, 24.7812, 34.2840 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(165, 124, 155) }
```


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

```
.border{ border-color:rgb(165, 124, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 124, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 124, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 124, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 124,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6411, 24.7812, 34.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 124, 155) }
```

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

```
.background{ background-color: rgb(165,  
124, 155) }
```

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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