

Converting Colors

XYZ(30.6844, 25.5622, 42.8301)

Have a look what the booklet for
XYZ(30.6844, 25.5622, 42.8301)
contains.

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Color

**XYZ(30.6868, 25.6479,
42.8683)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A77CAD |
| RGB | 167, 124, 173 |
| RGB Percent | 65%, 49%, 68% |
| CMY | 0.3451, 0.5137, 0.3216 |
| CMYK | 0.03, 0.28, 0.00, 0.32 |
| HSL | 293°, 23%, 58% |
| HSV | 293°, 28%, 68% |
| XYZ | 30.6868, 25.6479, 42.8683 |
| YIQ | 142.4430, 9.8990, 24.3550 |

Conversions

Conversions Part 2

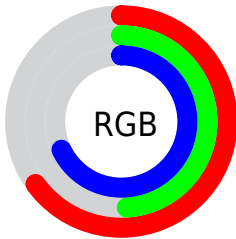
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 167, 124, 173 |
| Decimal | 10976429 |
| CIELab | 57.70, 25.33, -19.51 |
| CIELCh | 58, 31.977, 322.393 |
| Yxy | 25.6479, 0.3093, 0.2585 |
| Android (android.graphics.Color) | 4289166509 (0xFFFA77CAD) |
| YUV | 142.4430, 15.0646, 21.5365 |
| Hunter-Lab | 50.6438, 19.5327, -14.7364 |

Details

The XYZ color **30.6868, 25.6479, 42.8683** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.7884, 36.0888, 24.5712**, and the grayscale version is **25.8267, 27.1717, 29.5900**.

A 20% lighter version of the original color is **60.2964, 52.7894, 81.1401**, and **12.8394, 9.8554, 19.3147** is the 20% darker color. If you saturate the color by 10%, you get **28.2624, 21.4576, 42.1877**, and if you desaturate by 10%, it is **33.5005, 30.6049, 43.6772**.

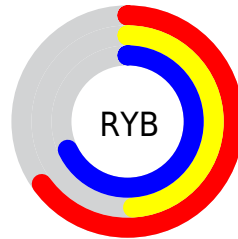
Distribution



Red (65%)

Green (49%)

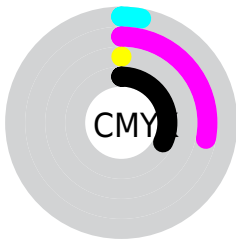
Blue (68%)



Red (65%)

Yellow (49%)

Blue (68%)

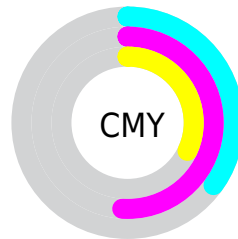


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6868, 25.6479, 42.8683 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 30.6868, 25.6479, 42.8683 by changing the saturation by 10% instead.

30.6868, 25.6479,
42.8683

30.6868, 25.6479,
42.8683

296.9455,
281.0493, 373.9752

20.5111, 16.5604,
29.4512

60.1258, 52.7064,
80.7963

12.8775, 9.9216,
19.1739

80.1199, 71.4462,
106.1443

7.4207, 5.3470,
11.6179

104.1175, 94.1722,
136.3062

3.7752, 2.4523,
6.3647

132.4839,
121.2688, 171.7007

1.5758, 0.8526,
2.9957

165.5846,
153.1204, 212.7463

0.3765, 0.0000,
1.0925

203.7849,

0.0000, 0.0000,

190.1115, 259.8616

0.0000

247.4500,
232.6263, 313.4650

■ 30.6868, 25.6479,
42.8683

■ 30.6868, 25.6479,
42.8683

■ 28.2624, 21.4576,
42.1877

■ 33.5005, 30.6049,
43.6772

■ 26.2050, 17.9910,
41.6270

■ 36.7195, 36.3621,
44.6188

■ 24.4937, 15.2056,
41.1795

■ 40.3618, 42.9551,
45.6994

■ 23.1044, 13.0536,
40.8374

■ 44.4439, 50.4163,
46.9244

■ 22.0099, 11.4807,
40.5915

■ 48.9809, 58.7765,
48.2989

■ 21.1786, 10.4233,
40.4312

■ 53.9876, 68.0649,
49.8279

■ 20.5557, 9.7723,
40.3383

■ 59.4780, 78.3094,
51.5159

■ 20.4576, 9.6750,
40.3247

■ 63.0576, 84.7211,
52.5648

■ 63.5687, 84.9845,
52.5887

Harmonies

Analogous

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



27.2909, 25.6479, 52.3059



30.6868, 25.6479, 42.8683



32.4264, 25.6479, 30.8109

Triad

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



30.6868, 25.6479, 42.8683



25.3650, 25.6479, 11.8082



18.1851, 25.6479, 36.7524

Complementary

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



30.6868, 25.6479, 42.8683



27.7884, 36.0888, 24.5712

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.



17.7847, 25.6479, 25.2274



30.6868, 25.6479, 42.8683



21.6793, 25.6479, 12.6171

Square

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



30.6868, 25.6479, 42.8683



29.1513, 25.6479, 14.3327



18.9984, 25.6479, 16.9354



20.1556, 25.6479, 48.1791

Rectangle

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



30.6868, 25.6479, 42.8683



32.2974, 25.6479, 23.6414



18.9984, 25.6479, 16.9354



17.8714, 25.6479, 32.6997

Sweetspot

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



30.6876, 25.6490, 42.8689



65.8743, 65.3237, 79.9426



23.9098, 23.4109, 42.7941



14.1212, 13.8460, 17.3160



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.



30.6876, 25.6490, 42.8689



52.1564, 41.0718, 75.9845



30.3612, 25.6683, 34.3801



8.2391, 8.0976, 10.0814



15.0614, 7.1243, 29.6258



0.4455, 0.2119, 0.8254

Inverse Universe

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



28.4713, 24.9123, 24.4282



47.5948, 39.5733, 37.2283



28.1366, 36.1248, 31.0689



8.0437, 8.0307, 8.5408



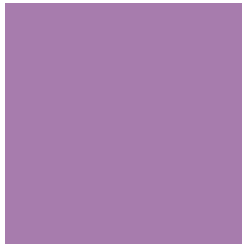
12.7733, 6.5719, 1.1858



0.3676, 0.1877, 0.0976

Previews

White Background



This preview shows how the XYZ color 30.6868, 25.6479, 42.8683 looks on a white background.

Color Contrast Check

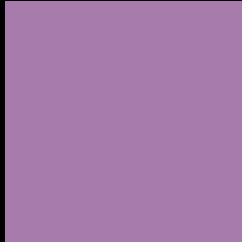
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6868, 25.6479, 42.8683 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 30.6868, 25.6479, 42.8683

Background



This preview shows how black text looks on a background with the XYZ color 30.6868, 25.6479, 42.8683.



This preview shows how white text looks on a background with the XYZ color 30.6868, 25.6479,

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

30.6868, 25.6479, 42.8683

Protanopia

26.2453, 25.8222, 48.4007

Deuteranopia

26.3082, 25.7828, 42.1181



Tritanopia

27.6165, 25.5401, 28.2851

Trichromacy



Original Color

30.6868, 25.6479, 42.8683

Protanomaly

27.5433, 25.5080, 46.1197

Deuteranomaly

27.7303, 25.6841, 42.5257

Tritanomaly

28.6965, 25.5979, 33.1342

Monochromacy



Original Color

30.6868, 25.6479, 42.8683

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.1762, 26.2072, 33.7631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6868, 25.6479, 42.8683 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(167, 124, 173)` looks like.

```
.text, #text, p{  
    color:rgb(167, 124, 173)  
}
```

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(167, 124, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 124, 173) }
```

Border

The CSS property to change the border of an element to XYZ 30.6868, 25.6479, 42.8683 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(167, 124, 173) }
```


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

```
.border{ border-color:rgb(167, 124, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 124, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 124, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 124, 173);  
box-shadow:4px 4px 4px 4px rgb(167, 124,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6868, 25.6479, 42.8683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 124, 173) }
```

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

```
.background{ background-color: rgb(167,  
124, 173) }
```

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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