

Converting Colors

XYZ(30.6609, 23.8834, 41.8565)

Have a look what the booklet for
XYZ(30.6609, 23.8834, 41.8565)
contains.

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Color

**XYZ(30.6973, 23.8974,
42.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	AD72AC
RGB	173, 114, 172
RGB Percent	68%, 45%, 67%
CMY	0.3216, 0.5529, 0.3255
CMYK	0.00, 0.34, 0.01, 0.32
HSL	301°, 26%, 56%
HSV	301°, 34%, 68%
XYZ	30.6973, 23.8974, 42.0245
YIQ	138.2530, 16.5460, 30.5460

Conversions

Conversions Part 2

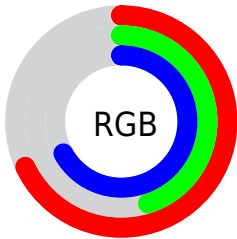
Format	Color
RYB	173, 114, 172
Decimal	11367084
CIELab	55.98, 32.77, -21.50
CIELCh	56, 39.196, 326.726
Yxy	23.8974, 0.3177, 0.2473
Android (android.graphics.Color)	4289557164 (0xFFAD72AC)
YUV	138.2530, 16.6373, 30.4731
Hunter-Lab	48.8850, 26.5403, -16.7498

Details

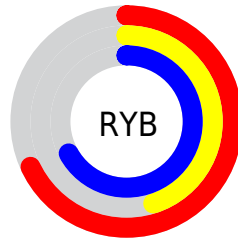
The XYZ color **30.6973, 23.8974, 42.0245** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.9785, 34.7032, 21.6028**, and the grayscale version is **24.1887, 25.4484, 27.7133**.

A 20% lighter version of the original color is **60.1354, 49.8969, 79.8604**, and **12.8313, 8.9448, 18.8195** is the 20% darker color. If you saturate the color by 10%, you get **28.8995, 20.3464, 41.2866**, and if you desaturate by 10%, it is **32.8657, 28.1886, 42.8867**.

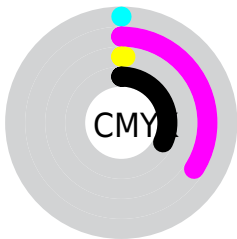
Distribution



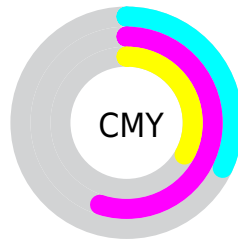
- Red (68%)
- Green (45%)
- Blue (67%)



- Red (68%)
- Yellow (45%)
- Blue (67%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (55%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6973, 23.8974, 42.0245 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 30.6973, 23.8974, 42.0245 by changing the saturation by 10% instead.

 30.6973, 23.8974,
42.0245


 30.6973, 23.8974,
42.0245

296.9932,
272.3014, 370.3871

 20.5192, 15.2575,
28.7948

 60.1423, 49.8627,
79.5072


 12.8834, 9.0003,
18.6814

 80.1398, 67.9570,
104.5972

 7.4248, 4.7414,
11.2658

 104.1412, 89.9714,
134.4778

 3.7778, 2.0963,
6.1295

 132.5118,
116.2906, 169.5674

 1.5772, 0.6626,
2.8539

165.6169,
147.2987, 210.2846

 0.3775, 0.0000,
1.0205

203.8220,

 0.0000, 0.0000,

183.3803, 257.0479

0.0000

247.4923,
224.9197, 310.2759

■ 30.6973, 23.8974,
42.0245

■ 30.6973, 23.8974,
42.0245

■ 28.8995, 20.3464,
41.2866

■ 32.8657, 28.1886,
42.8867

■ 27.4493, 17.4908,
40.6646

■ 35.4217, 33.2554,
43.8782

■ 26.3243, 15.2858,
40.1514

■ 38.3840, 39.1345,
45.0054

■ 25.4990, 13.6799,
39.7383

■ 41.7692, 45.8596,
46.2739

■ 24.9437, 12.6140,
39.4156

■ 45.5933, 53.4623,
47.6891

■ 24.6231, 12.0173,
39.1714

■ 49.8713, 61.9726,
49.2558

■ 24.4959, 11.7892,
39.0482

■ 54.6175, 71.4191,
50.9788

■ 59.8455, 81.8293,
52.8628

■ 60.6965, 83.4854,
53.2882

Harmonies

Analogous

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



26.8090, 23.8974, 54.8338



30.6973, 23.8974, 42.0245



32.4370, 23.8974, 27.4537

Triad

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



30.6973, 23.8974, 42.0245



23.2089, 23.8974, 8.3526



15.8603, 23.8974, 38.7562

Complementary

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



30.6973, 23.8974, 42.0245



24.9785, 34.7032, 21.6028

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.



15.1582, 23.8974, 24.6375



30.6973, 23.8974, 42.0245



19.0583, 23.8974, 9.6284

Square

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



30.6973, 23.8974, 42.0245



27.7713, 23.8974, 10.3724



16.2504, 23.8974, 14.7030



18.3108, 23.8974, 52.5520

Rectangle

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



30.6973, 23.8974, 42.0245



31.9950, 23.8974, 19.5507



16.2504, 23.8974, 14.7030



15.4271, 23.8974, 33.7794

Sweetspot

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



30.6981, 23.8985, 42.0250



65.4329, 63.5164, 79.3461



20.6292, 18.6966, 42.0573



14.0675, 13.5008, 17.1855



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.



30.6981, 23.8985, 42.0250



52.4674, 37.8405, 74.2375



28.1732, 22.8885, 28.7291



8.3311, 8.1457, 10.0545



17.9979, 8.6617, 28.6982



0.5025, 0.2417, 0.8079

Inverse Universe

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



30.6981, 23.8985, 42.0250



52.4674, 37.8405, 74.2375



26.9550, 35.4938, 32.0110



8.3311, 8.1457, 10.0545



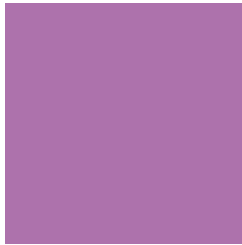
17.9979, 8.6617, 28.6982



0.5025, 0.2417, 0.8079

Previews

White Background



This preview shows how the XYZ color 30.6973, 23.8974, 42.0245 looks on a white background.

Color Contrast Check

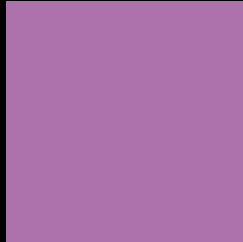
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6973, 23.8974, 42.0245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

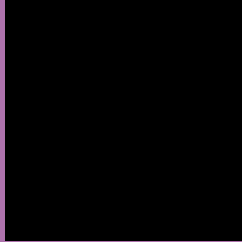
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6973, 23.8974, 42.0245

Background



This preview shows how black text looks on a background with the XYZ color 30.6973, 23.8974, 42.0245.



This preview shows how white text looks on a background with the XYZ color 30.6973, 23.8974,

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

30.6973, 23.8974, 42.0245

Protanopia

24.8582, 24.2422, 49.8234

Deuteranopia

24.6186, 24.1129, 40.8928



Tritanopia

27.2728, 23.9098, 25.0074

Trichromacy



Original Color

30.6973, 23.8974, 42.0245

Protanomaly

26.4488, 23.7469, 46.9057

Deuteranomaly

26.4434, 23.6805, 41.2073

Tritanomaly

28.4408, 23.8463, 30.7076

Monochromacy



Original Color

30.6973, 23.8974, 42.0245

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.1178, 24.4818, 32.2031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6973, 23.8974, 42.0245 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(173, 114, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 172)  
}
```

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(173, 114, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.6973, 23.8974, 42.0245 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(173, 114, 172) }
```


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

```
.border{ border-color:rgb(173, 114, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 114, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6973, 23.8974, 42.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 114, 172) }
```

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

```
.background{ background-color: rgb(173,  
114, 172) }
```

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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