

Converting Colors

XYZ(30.2902, 24.6620, 37.0212)

Have a look what the booklet for
XYZ(30.2902, 24.6620, 37.0212)
contains.

XYZ(30.2634, 24.6511, 36.8813)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2634, 24.6511,
36.8813)**

Conversions

Conversions Part 1

Format	Color
Hex	AD77A1
RGB	173, 119, 161
RGB Percent	68%, 47%, 63%
CMY	0.3216, 0.5333, 0.3686
CMYK	0.00, 0.31, 0.07, 0.32
HSL	313°, 25%, 57%
HSV	313°, 31%, 68%
XYZ	30.2634, 24.6511, 36.8813
YIQ	139.9340, 18.7020, 24.5100

Conversions

Conversions Part 2

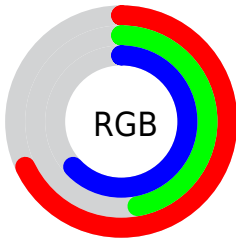
Format	Color
RYB	173, 119, 161
Decimal	11368353
CIELab	56.73, 27.92, -14.01
CIELCh	57, 31.237, 333.347
Yxy	24.6511, 0.3297, 0.2685
Android (android.graphics.Color)	4289558433 (0xFFAD77A1)
YUV	139.9340, 10.3855, 28.9989
Hunter-Lab	49.6499, 21.9149, -9.2873

Details

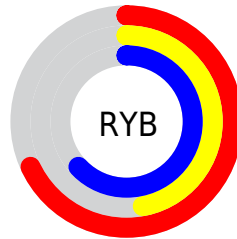
The XYZ color **30.2634, 24.6511, 36.8813** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.6490, 35.4485, 26.9119**, and the grayscale version is **24.8581, 26.1527, 28.4803**.

A 20% lighter version of the original color is **59.4603, 51.1209, 71.6992**, and **12.6342, 9.3534, 15.6075** is the 20% darker color. If you saturate the color by 10%, you get **28.0552, 20.7687, 34.4983**, and if you desaturate by 10%, it is **32.8583, 29.2895, 39.4452**.

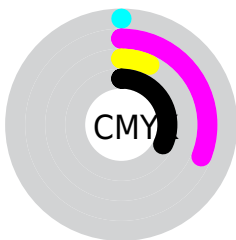
Distribution



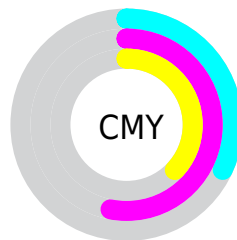
- Red (68%)
- Green (47%)
- Blue (63%)



- Red (68%)
- Yellow (47%)
- Blue (63%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (32%)





- Cyan (32%)
- Magenta (53%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2634, 24.6511, 36.8813 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 30.2634, 24.6511, 36.8813 by changing the saturation by 10% instead.

 30.2634, 24.6511,
36.8813


 30.2634, 24.6511,
36.8813


295.0181,
276.0959, 347.9495

 20.1877, 15.8173,
24.8205


 59.4623, 51.0906,
71.5745

 12.6406, 9.3950,
15.7256

 79.3161, 69.4652,
95.0440

 7.2568, 4.9997,
9.1779


 103.1600, 91.7887,
123.1534

 3.6710, 2.2471,
4.7590

131.3593,
118.4457, 156.3214

 1.5177, 0.7455,
2.0503

164.2795,
149.8206, 194.9665

 0.3379, 0.0000,
0.5860

202.2857,

 0.0000, 0.0000,

186.2976, 239.5072

0.0000

245.7435,
228.2612, 290.3620

■ 30.2634, 24.6511,
36.8813

■ 30.2634, 24.6511,
36.8813

■ 28.0552, 20.7687,
34.4983

■ 32.8583, 29.2895,
39.4452

■ 26.2110, 17.5981,
32.2873

■ 35.8565, 34.7181,
42.1952

■ 24.7092, 15.0959,
30.2410

■ 39.2765, 40.9732,
45.1381

■ 23.5249, 13.2124,
28.3505

■ 43.1348, 48.0878,
48.2799

■ 22.6297, 11.8910,
26.6061

■ 47.4470, 56.0932,
51.6262

■ 21.9900, 11.0648,
24.9959

■ 52.2282, 65.0189,
55.1825

■ 21.5755, 10.6210,
23.6702

■ 57.4924, 74.8933,
58.9538

■ 62.4814, 84.1994,
62.6879

■ 62.9124, 84.3718,
64.9575

Harmonies

Analogous

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



27.4947, 24.6511, 47.3244



30.2634, 24.6511, 36.8813



31.1402, 24.6511, 25.6868

Triad

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



30.2634, 24.6511, 36.8813



23.0236, 24.6511, 11.3839



18.0531, 24.6511, 39.4453

Complementary

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



30.2634, 24.6511, 36.8813



26.6490, 35.4485, 26.9119

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.



17.1109, 24.6511, 28.0289



30.2634, 24.6511, 36.8813



19.7873, 24.6511, 13.3302

Square

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



30.2634, 24.6511, 36.8813



26.7143, 24.6511, 12.6093



17.7116, 24.6511, 18.8112



20.4268, 24.6511, 49.0541

Rectangle

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



30.2634, 24.6511, 36.8813



30.4664, 24.6511, 19.6509



17.7116, 24.6511, 18.8112



17.5703, 24.6511, 35.6001

Sweetspot

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



30.2642, 24.6522, 36.8818



65.4126, 64.3567, 76.6233



23.4544, 21.0135, 42.3553



14.0361, 13.6590, 16.4940



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.



30.2642, 24.6522, 36.8818



51.5787, 39.5246, 63.2701



28.1553, 23.8087, 25.7769



8.2597, 8.1171, 9.6786



15.8724, 7.8115, 17.5053



0.4602, 0.2248, 0.5850

Inverse Universe

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



30.2642, 24.6522, 36.8818



51.5787, 39.5246, 63.2701



28.6979, 36.2680, 37.7012



8.2597, 8.1171, 9.6786



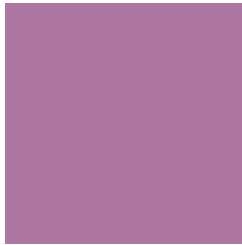
15.8724, 7.8115, 17.5053



0.4602, 0.2248, 0.5850

Previews

White Background



This preview shows how the XYZ color 30.2634, 24.6511, 36.8813 looks on a white background.

Color Contrast Check

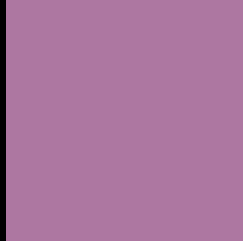
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2634, 24.6511, 36.8813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

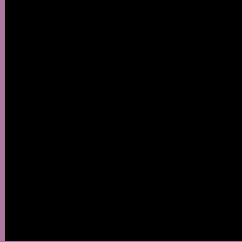
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2634, 24.6511, 36.8813

Background



This preview shows how black text looks on a background with the XYZ color 30.2634, 24.6511, 36.8813.



This preview shows how white text looks on a background with the XYZ color 30.2634, 24.6511,

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

30.2634, 24.6511, 36.8813

Protanopia

24.8628, 24.8185, 42.5098

Deuteranopia

25.2065, 24.7326, 35.7931



Tritanopia

28.0883, 24.6826, 25.8381

Trichromacy



Original Color

30.2634, 24.6511, 36.8813

Protanomaly

26.4197, 24.4570, 40.3740

Deuteranomaly

26.7397, 24.5209, 36.1246

Tritanomaly

28.7882, 24.5906, 29.6147

Monochromacy



Original Color

30.2634, 24.6511, 36.8813

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.5455, 25.3160, 31.5044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2634, 24.6511, 36.8813 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, 119, 161)` looks like.

```
.text, #text, p{  
    color:rgb(173, 119, 161)  
}
```

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, 119, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 119, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.2634, 24.6511, 36.8813 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, 119, 161) }
```


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

```
.border{ border-color:rgb(173, 119, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 119, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 119, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 119, 161);  
box-shadow:4px 4px 4px 4px rgb(173, 119,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2634, 24.6511, 36.8813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 119, 161) }
```

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

```
.background{ background-color: rgb(173,  
119, 161) }
```

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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