

Converting Colors

XYZ(31.9643, 26.5207, 41.2589)

Have a look what the booklet for
XYZ(31.9643, 26.5207, 41.2589)
contains.

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Color

**XYZ(32.0449, 26.5682,
41.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7DAA
RGB	174, 125, 170
RGB Percent	68%, 49%, 67%
CMY	0.3176, 0.5098, 0.3333
CMYK	0.00, 0.28, 0.02, 0.32
HSL	305°, 23%, 59%
HSV	305°, 28%, 68%
XYZ	32.0449, 26.5682, 41.4694
YIQ	144.7810, 14.7590, 24.3830

Conversions

Conversions Part 2

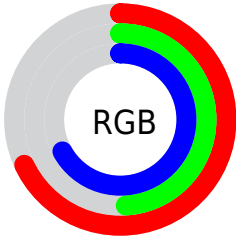
Format	Color
RYB	174, 125, 170
Decimal	11435434
CIELab	58.57, 26.56, -16.40
CIELCh	59, 31.219, 328.312
Yxy	26.5682, 0.3202, 0.2655
Android (android.graphics.Color)	4289625514 (0xFFAE7DAA)
YUV	144.7810, 12.4330, 25.6251
Hunter-Lab	51.5443, 20.7701, -11.6200

Details

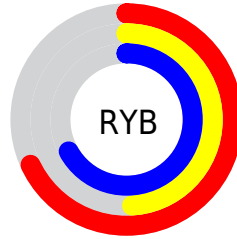
The XYZ color **32.0449, 26.5682, 41.4694** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.5571, 36.2180, 26.3088**, and the grayscale version is **26.7725, 28.1667, 30.6736**.

A 20% lighter version of the original color is **62.1441, 54.1000, 78.4012**, and **13.6712, 10.4051, 18.4274** is the 20% darker color. If you saturate the color by 10%, you get **29.8988, 22.4894, 40.0948**, and if you desaturate by 10%, it is **34.5800, 31.4217, 42.9814**.

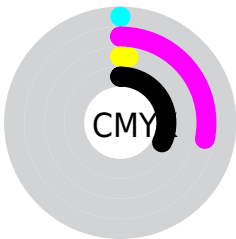
Distribution



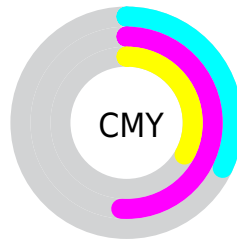
- Red (68%)
- Green (49%)
- Blue (67%)



- Red (68%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (32%)



- Cyan (32%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0449, 26.5682, 41.4694 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 32.0449, 26.5682, 41.4694 by changing the saturation by 10% instead.

■ 32.0449, 26.5682,
41.4694

■ 32.0449, 26.5682,
41.4694

303.0654,
285.5603, 368.0132

■ 21.5515, 17.2492,
28.3636

■ 62.2462, 54.1902,
78.6573

■ 13.6425, 10.4123,
18.3585

■ 82.6848, 73.2620,
103.5766

■ 7.9525, 5.6732,
11.0356

■ 107.1692, 96.3534,
133.2707

■ 4.1161, 2.6474,
5.9763

136.0647,
123.8490, 168.1582

■ 1.7680, 0.9505,
2.7621

169.7368,
156.1331, 208.6576

■ 0.4983, 0.0000,
0.9745

208.5506,

■ 0.0000, 0.0000,

193.5901, 255.1876

0.0000

252.8717,
236.6043, 308.1666

■ 32.0449, 26.5682,
41.4694

■ 32.0449, 26.5682,
41.4694

■ 29.8988, 22.4894,
40.0948

■ 34.5800, 31.4217,
42.9814

■ 28.1190, 19.1415,
38.8491

■ 37.5203, 37.0836,
44.6354

■ 26.6845, 16.4817,
37.7257

■ 40.8840, 43.5902,
46.4378

■ 25.5709, 14.4615,
36.7163

■ 44.6876, 50.9741,
48.3940

■ 24.7507, 13.0259,
35.8118

■ 48.9467, 59.2666,
50.5092

■ 24.1919, 12.1107,
35.0015

■ 53.6760, 68.4972,
52.7885

■ 23.8407, 11.6084,
34.2675

■ 58.8896, 78.6941,
55.2366

■ 23.7830, 11.5297,
34.1354

■ 61.5940, 83.8701,
56.8555

■ 61.7409, 83.9288,
57.6293

Harmonies

Analogous

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



28.9051, 26.5682, 51.7282



32.0449, 26.5682, 41.4694



33.3441, 26.5682, 29.5535

Triad

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



32.0449, 26.5682, 41.4694



25.4697, 26.5682, 12.5636



19.3127, 26.5682, 40.1172

Complementary

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



32.0449, 26.5682, 41.4694



27.5571, 36.2180, 26.3088

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.



18.5885, 26.5682, 28.3119



32.0449, 26.5682, 41.4694



21.9210, 26.5682, 14.0597

Square

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



32.0449, 26.5682, 41.4694



29.3179, 26.5682, 14.4470



19.4945, 26.5682, 19.2108



21.5811, 26.5682, 50.8190

Rectangle

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



32.0449, 26.5682, 41.4694



32.9014, 26.5682, 22.7998



19.4945, 26.5682, 19.2108



18.8913, 26.5682, 36.0668

Sweetspot

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



32.0457, 26.5694, 41.4700



68.0672, 67.2845, 80.9687



23.9171, 22.3345, 43.0954



14.9417, 14.5939, 17.8932



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.0457, 26.5694, 41.4700



55.5397, 43.2693, 73.5868



29.9967, 25.7497, 30.6797



8.3084, 8.1366, 9.9351



17.2601, 8.3666, 24.8130



0.4883, 0.2360, 0.7330

Inverse Universe

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



32.0457, 26.5694, 41.4700



55.5397, 43.2693, 73.5868



29.3250, 36.9251, 35.6188



8.3084, 8.1366, 9.9351



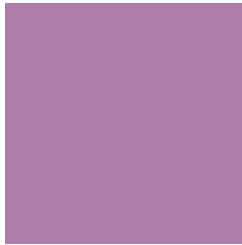
17.2601, 8.3666, 24.8130



0.4883, 0.2360, 0.7330

Previews

White Background



This preview shows how the XYZ color 32.0449, 26.5682, 41.4694 looks on a white background.

Color Contrast Check

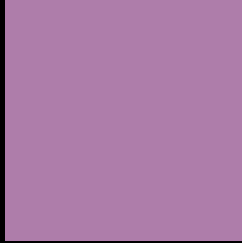
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0449, 26.5682, 41.4694 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 32.0449, 26.5682, 41.4694

Background



This preview shows how black text looks on a background with the XYZ color 32.0449, 26.5682, 41.4694.



This preview shows how white text looks on a background with the XYZ color 32.0449, 26.5682,

41.4694.

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

32.0449, 26.5682, 41.4694

Protanopia

26.9764, 26.8767, 46.9459

Deuteranopia

27.3117, 26.7549, 40.7705



Tritanopia

29.5016, 26.7017, 28.7984

Trichromacy



Original Color

32.0449, 26.5682, 41.4694

Protanomaly

28.5331, 26.6656, 44.7174

Deuteranomaly

28.8754, 26.5097, 41.1311

Tritanomaly

30.3123, 26.6254, 33.2474

Monochromacy



Original Color

32.0449, 26.5682, 41.4694

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.6315, 27.5780, 34.3859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0449, 26.5682, 41.4694 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(174, 125, 170)` looks like.

```
.text, #text, p{  
    color:rgb(174, 125, 170)  
}
```

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(174, 125, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 125, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.0449, 26.5682, 41.4694 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(174, 125, 170) }
```


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

```
.border{ border-color:rgb(174, 125, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 125, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 125, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 125, 170); box-shadow:4px 4px 4px 4px rgb(174, 125, 170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0449, 26.5682, 41.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 125, 170) }
```

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

```
.background{ background-color: rgb(174,  
125, 170) }
```

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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