

Converting Colors

XYZ(31.9011, 25.4429, 43.6815)

Have a look what the booklet for
XYZ(31.9011, 25.4429, 43.6815)
contains.

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Color

**XYZ(31.9099, 25.5268,
43.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	AE78AF
RGB	174, 120, 175
RGB Percent	68%, 47%, 69%
CMY	0.3176, 0.5294, 0.3137
CMYK	0.01, 0.31, 0.00, 0.31
HSL	299°, 26%, 58%
HSV	299°, 31%, 69%
XYZ	31.9099, 25.5268, 43.8028
YIQ	142.4160, 14.5290, 28.5530

Conversions

Conversions Part 2

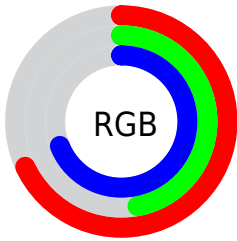
Format	Color
RYB	174, 120, 175
Decimal	11434159
CIELab	57.59, 30.33, -20.77
CIELCh	58, 36.762, 325.596
Yxy	25.5268, 0.3152, 0.2521
Android (android.graphics.Color)	4289624239 (0xFFAE78AF)
YUV	142.4160, 16.0639, 27.6992
Hunter-Lab	50.5241, 24.3196, -16.0358

Details

The XYZ color **31.9099, 25.5268, 43.8028** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.6062, 36.0816, 23.3328**, and the grayscale version is **25.8109, 27.1551, 29.5719**.

A 20% lighter version of the original color is **62.0005, 52.4797, 82.4631**, and **13.5882, 9.8504, 19.5975** is the 20% darker color. If you saturate the color by 10%, you get **29.9240, 21.6596, 43.1614**, and if you desaturate by 10%, it is **34.2822, 30.1656, 44.5735**.

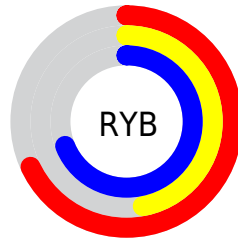
Distribution



Red (68%)

Green (47%)

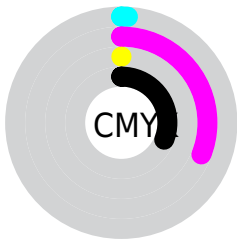
Blue (69%)



Red (68%)

Yellow (47%)

Blue (69%)

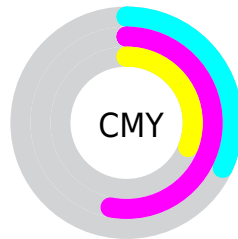


Cyan (1%)

Magenta (31%)

Yellow (0%)

Black (31%)



Cyan (32%)


Magenta (53%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9099, 25.5268, 43.8028 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 31.9099, 25.5268, 43.8028 by changing the saturation by 10% instead.


 31.9099, 25.5268,
43.8028


 31.9099, 25.5268,
43.8028


302.4612,
280.4514, 377.9207

 21.4479, 16.4700,
30.1795


 62.0360, 52.5106,
82.2202

 13.5661, 9.8573,
19.7216


 82.4307, 71.2063,
107.8514

 7.8992, 5.3045,
12.0108

 106.8671, 93.8838,
138.3222

 4.0818, 2.4270,
6.6284

135.7106,
120.9274, 174.0513

 1.7485, 0.8397,
3.1559

169.3263,
152.7216, 215.4572

 0.4863, 0.0000,
1.1748

208.0798,

 0.0000, 0.0000,

189.6507, 262.9583

0.0000

252.3363,
232.0992, 316.9733

■ 31.9099, 25.5268,
43.8028

■ 31.9099, 25.5268,
43.8028

■ 29.9240, 21.6596,
43.1614

■ 34.2822, 30.1656,
44.5735

■ 28.3011, 18.5187,
42.6407

■ 37.0579, 35.6114,
45.4784

■ 27.0191, 16.0592,
42.2335

■ 40.2558, 41.9014,
46.5239

■ 26.0523, 14.2300,
41.9314

■ 43.8930, 49.0697,
47.7158

■ 25.3716, 12.9727,
41.7246

■ 47.9855, 57.1483,
49.0595

■ 24.9424, 12.2180,
41.6016

■ 52.5485, 66.1677,
50.5599

■ 24.7116, 11.8454,
41.5418

■ 57.5966, 76.1570,
52.2220

■ 61.5261, 83.9091,
53.5111

■ 61.5984, 83.9463,
53.5145

Harmonies

Analogous

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



28.0927, 25.5268, 55.7743



31.9099, 25.5268, 43.8028



33.6833, 25.5268, 29.6911

Triad

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



31.9099, 25.5268, 43.8028



24.9160, 25.5268, 9.9941



17.4217, 25.5268, 39.5937

Complementary

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



31.9099, 25.5268, 43.8028



26.6062, 36.0816, 23.3328

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.



16.7856, 25.5268, 25.9801



31.9099, 25.5268, 43.8028



20.7972, 25.5268, 11.2027

Square

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



31.9099, 25.5268, 43.8028



29.3481, 25.5268, 12.2458



17.9463, 25.5268, 16.2559



19.8011, 25.5268, 52.8746

Rectangle

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



31.9099, 25.5268, 43.8028



33.3290, 25.5268, 21.7914



17.9463, 25.5268, 16.2559



17.0101, 25.5268, 34.8093

Sweetspot

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



31.9107, 25.5279, 43.8033



67.6018, 66.2013, 81.8520



22.4238, 20.9677, 43.4232



14.8514, 14.3723, 18.1357



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.



31.9107, 25.5279, 43.8033



54.5109, 40.5764, 77.5959



29.8480, 24.7287, 31.7744



8.3225, 8.1405, 10.0853



17.7026, 8.4859, 29.7494



0.4969, 0.2384, 0.8278

Inverse Universe

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



27.8478, 23.9286, 21.2413



46.0481, 37.2481, 30.4628



28.2390, 36.7187, 32.6585



8.0109, 8.0176, 8.3684



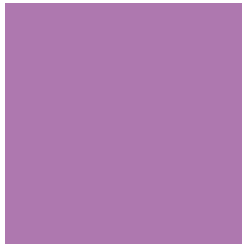
12.6756, 6.5328, 0.6714



0.3545, 0.1825, 0.0285

Previews

White Background



This preview shows how the XYZ color 31.9099, 25.5268, 43.8028 looks on a white background.

Color Contrast Check

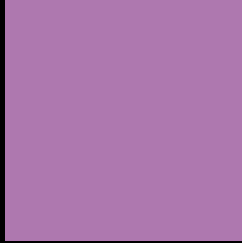
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9099, 25.5268, 43.8028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

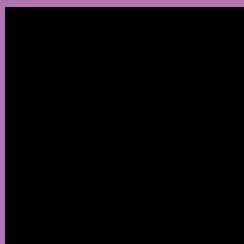
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9099, 25.5268, 43.8028

Background



This preview shows how black text looks on a background with the XYZ color 31.9099, 25.5268, 43.8028.



This preview shows how white text looks on a background with the XYZ color 31.9099, 25.5268,

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

31.9099, 25.5268, 43.8028

Protanopia

26.2275, 25.7643, 50.6044

Deuteranopia

26.2422, 25.7378, 42.6145



Tritanopia

28.4669, 25.4199, 27.0731

Trichromacy



Original Color

31.9099, 25.5268, 43.8028

Protanomaly

27.8189, 25.4023, 48.2367

Deuteranomaly

27.9199, 25.3720, 42.9609

Tritanomaly

29.5882, 25.3076, 32.6035

Monochromacy



Original Color

31.9099, 25.5268, 43.8028

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.6843, 26.2533, 34.1801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9099, 25.5268, 43.8028 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, 120, 175)` looks like.

```
.text, #text, p{  
    color:rgb(174, 120, 175)  
}
```

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, 120, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 120, 175) }
```

Border

The CSS property to change the border of an element to XYZ 31.9099, 25.5268, 43.8028 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, 120, 175) }
```


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

```
.border{ border-color:rgb(174, 120, 175) }
```

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

Here you see how a box with a 4 pixel rgb(174, 120, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 120, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 120, 175);  
box-shadow:4px 4px 4px 4px rgb(174, 120,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9099, 25.5268, 43.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 120, 175) }
```

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

```
.background{ background-color: rgb(174,  
120, 175) }
```

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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