

Converting Colors

XYZ(24.0575, 16.9278, 31.7052)

Have a look what the booklet for
XYZ(24.0575, 16.9278, 31.7052)
contains.

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Color

**XYZ(24.0575, 16.9278,
31.7052)**

Conversions

Conversions Part 1

Format	Color
Hex	A25898
RGB	162, 88, 152
RGB Percent	64%, 35%, 60%
CMY	0.3647, 0.6549, 0.4039
CMYK	0.00, 0.46, 0.06, 0.36
HSL	308°, 30%, 49%
HSV	308°, 46%, 64%
XYZ	24.0575, 16.9278, 31.7052
YIQ	117.4220, 23.5600, 35.5920

Conversions

Conversions Part 2

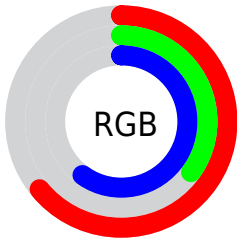
Format	Color
RYB	162, 88, 152
Decimal	10639512
CIELab	48.17, 39.69, -21.93
CIElCh	48, 45.345, 331.083
Yxy	16.9278, 0.3310, 0.2329
Android (android.graphics.Color)	4288829592 (0xFFA25898)
YUV	117.4220, 17.0470, 39.0949
Hunter-Lab	41.1434, 32.3721, -16.8886

Details

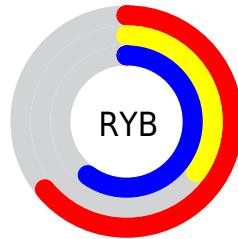
The XYZ color **24.0575, 16.9278, 31.7052** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.1502, 28.7978, 16.1055**, and the grayscale version is **16.9835, 17.8680, 19.4582**.

A 20% lighter version of the original color is **49.4321, 38.1178, 63.1446**, and **9.2264, 5.5140, 12.8899** is the 20% darker color. If you saturate the color by 10%, you get **22.6950, 14.4868, 30.3746**, and if you desaturate by 10%, it is **25.7199, 19.9626, 33.1524**.

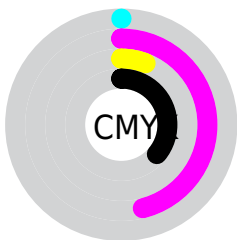
Distribution



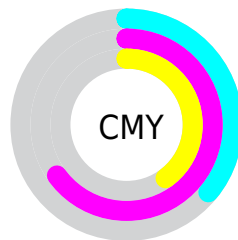
- Red (64%)
- Green (35%)
- Blue (60%)



- Red (64%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (46%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0575, 16.9278, 31.7052 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 24.0575, 16.9278, 31.7052 by changing the saturation by 10% instead.

■ 24.0575, 16.9278,
31.7052

■ 24.0575, 16.9278,
31.7052

265.5461,
234.7560, 324.2254

■ 15.5012, 10.1830,
20.8735

■ 49.5780, 38.2016,
63.4412

■ 9.2605, 5.5205,
12.8412

■ 67.2730, 53.4994,
85.1825

■ 4.9700, 2.5558,
7.1899

■ 88.7449, 72.4170,
111.3975

■ 2.2642, 0.9045,
3.5009

■ 114.3591, 95.3388,
142.5046

■ 0.7763, 0.0000,
1.3557

■ 144.4810,
122.6493, 178.9224

■ 0.0000, 0.0000,
0.1068

179.4759,

■ 0.0000, 0.0000,

154.7326, 221.0694

0.0000

219.7091,
191.9734, 269.3642

■ 24.0575, 16.9278,
31.7052

■ 24.0575, 16.9278,
31.7052

■ 22.6950, 14.4868,
30.3746

■ 25.7199, 19.9626,
33.1524

■ 21.6109, 12.5977,
29.1529

■ 27.6986, 23.6250,
34.7213

■ 20.7836, 11.2169,
28.0329

■ 30.0106, 27.9487,
36.4179

■ 20.1873, 10.2929,
27.0060

■ 32.6714, 32.9646,
38.2473

■ 19.7882, 9.7582,
26.0609

■ 35.6954, 38.7015,
40.2144

■ 19.6420, 9.5781,
25.6660

■ 39.0962, 45.1866,
42.3239

■ 42.8868, 52.4457,
44.5801

■ 47.0794, 60.5034,
46.9873

■ 51.6858, 69.3832,
49.5494

Harmonies

Analogous

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



20.5303, 16.9278, 45.4503



24.0575, 16.9278, 31.7052



25.3689, 16.9278, 18.0065

Triad

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



24.0575, 16.9278, 31.7052



15.9403, 16.9278, 3.7896



10.2193, 16.9278, 32.7823

Complementary

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



24.0575, 16.9278, 31.7052



19.1502, 28.7978, 16.1055

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.



9.4036, 16.9278, 18.8632



24.0575, 16.9278, 31.7052



12.3400, 16.9278, 5.0382

Square

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



24.0575, 16.9278, 31.7052



20.2271, 16.9278, 4.8599



10.1092, 16.9278, 9.5014



12.5583, 16.9278, 46.2366

Rectangle

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



24.0575, 16.9278, 31.7052



24.6599, 16.9278, 11.4221



10.1092, 16.9278, 9.5014



9.7777, 16.9278, 27.8448

Sweetspot

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



24.0581, 16.9286, 31.7055



55.1240, 51.9454, 66.5672



15.0347, 12.1782, 35.7410



12.1702, 11.2715, 14.8018



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.0581, 16.9286, 31.7055



41.1192, 26.1551, 55.0569



21.4929, 15.9025, 18.1974



7.3230, 7.1856, 8.6871



15.4858, 7.5504, 20.2808



0.3360, 0.1629, 0.4822

Inverse Universe

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



24.0581, 16.9286, 31.7055



41.1192, 26.1551, 55.0569



21.3093, 29.6614, 27.4753



7.3230, 7.1856, 8.6871



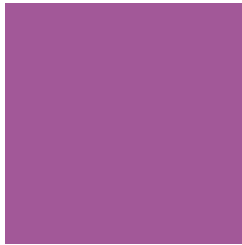
15.4858, 7.5504, 20.2808



0.3360, 0.1629, 0.4822

Previews

White Background



This preview shows how the XYZ color 24.0575, 16.9278, 31.7052 looks on a white background.

Color Contrast Check

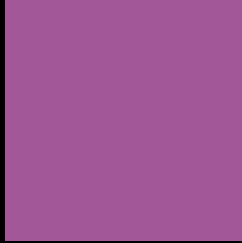
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.0575, 16.9278, 31.7052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

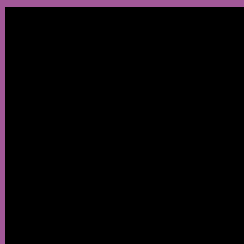
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.0575, 16.9278, 31.7052

Background



This preview shows how black text looks on a background with the XYZ color 24.0575, 16.9278, 31.7052.



This preview shows how white text looks on a background with the XYZ color 24.0575, 16.9278,

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

24.0575, 16.9278, 31.7052

Protanopia

17.9751, 17.1834, 40.8974

Deuteranopia

17.5571, 17.1996, 30.4115



Tritanopia

20.8738, 16.9441, 15.8060

Trichromacy



Original Color

24.0575, 16.9278, 31.7052

Protanomaly

19.2589, 16.5029, 37.2923

Deuteranomaly

19.2772, 16.6597, 30.6334

Tritanomaly

21.8759, 16.8064, 20.8299

Monochromacy



Original Color

24.0575, 16.9278, 31.7052

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.8562, 16.9063, 23.3885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0575, 16.9278, 31.7052 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(162, 88, 152)` looks like.

```
.text, #text, p{  
    color:rgb(162, 88, 152)  
}
```

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(162, 88, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 88, 152) }
```

Border

The CSS property to change the border of an element to XYZ 24.0575, 16.9278, 31.7052 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(162, 88, 152) }
```


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

```
.border{ border-color:rgb(162, 88, 152) }
```

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

Here you see how a box with a 4 pixel rgb(162, 88, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 88, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 88, 152);  
box-shadow:4px 4px 4px 4px rgb(162, 88,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0575, 16.9278, 31.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 88, 152) }
```

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

```
.background{ background-color: rgb(162, 88,  
152) }
```

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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