

Converting Colors

XYZ(29.0161, 24.2929, 32.0138)

Have a look what the booklet for
XYZ(29.0161, 24.2929, 32.0138)
contains.

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Color

**XYZ(29.0161, 24.2929,
32.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7896
RGB	171, 120, 150
RGB Percent	67%, 47%, 59%
CMY	0.3294, 0.5294, 0.4118
CMYK	0.00, 0.30, 0.12, 0.33
HSL	325°, 23%, 57%
HSV	325°, 30%, 67%
XYZ	29.0161, 24.2929, 32.0138
YIQ	138.6690, 20.7660, 20.1420

Conversions

Conversions Part 2

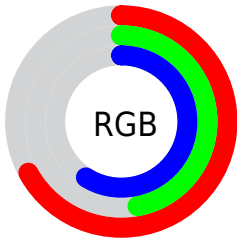
Format	Color
RYB	171, 120, 150
Decimal	11237526
CIELab	56.38, 24.69, -8.20
CIELCh	56, 26.013, 341.630
Yxy	24.2929, 0.3401, 0.2847
Android (android.graphics.Color)	4289427606 (0xFFAB7896)
YUV	138.6690, 5.5862, 28.3543
Hunter-Lab	49.2878, 18.8305, -4.0090

Details

The XYZ color **29.0161, 24.2929, 32.0138** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.1174, 35.0427, 30.5357**, and the grayscale version is **24.3877, 25.6577, 27.9413**.

A 20% lighter version of the original color is **57.5212, 50.5777, 63.8575**, and **11.9766, 9.2589, 12.9603** is the 20% darker color. If you saturate the color by 10%, you get **26.5903, 20.3214, 28.4913**, and if you desaturate by 10%, it is **31.8447, 29.0148, 35.8393**.

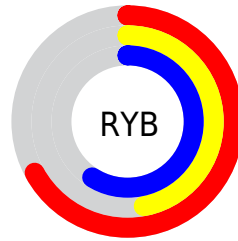
Distribution



Red (67%)

Green (47%)

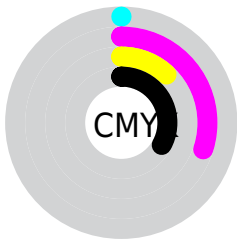
Blue (59%)



Red (67%)

Yellow (47%)

Blue (59%)

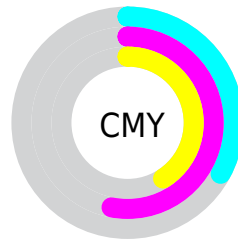


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (53%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0161, 24.2929, 32.0138 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 29.0161, 24.2929, 32.0138 by changing the saturation by 10% instead.

 29.0161, 24.2929,
32.0138


 29.0161, 24.2929,
32.0138


289.2837,
274.2980, 325.6768


 19.2373, 15.5510,
21.1071


 57.5000, 50.5077,
63.9309

 11.9469, 9.2070,
13.0103


 76.9359, 68.7495,
85.7784

 6.7795, 4.8765,
7.3048


 100.3216, 90.9267,
112.1099

 3.3697, 2.1750,
3.5721

128.0224,
117.4238, 143.3440

 1.3521, 0.7063,
1.3937

160.4036,
148.6250, 179.8992

 0.2217, 0.0000,
0.1368

197.8307,

 0.0000, 0.0000,

184.9148, 222.1940

0.0000

240.6690,
226.6777, 270.6470

■ 29.0161, 24.2929,
32.0138

■ 29.0161, 24.2929,
32.0138

■ 26.5903, 20.3214,
28.4913

■ 31.8447, 29.0148,
35.8393

■ 24.5450, 17.0576,
25.2605

■ 35.0926, 34.5201,
39.9753

■ 22.8589, 14.4596,
22.3117

■ 38.7779, 40.8441,
44.4309

■ 21.5077, 12.4798,
19.6337

■ 42.9172, 48.0186,
49.2143

■ 20.4639, 11.0641,
17.2140

■ 47.5261, 56.0741,
54.3334

■ 19.6950, 10.1490,
15.0387

■ 52.6192, 65.0393,
59.7956

■ 19.1328, 9.5985,
13.0815

■ 58.2108, 74.9416,
65.6084

■ 19.1234, 9.5895,
13.0482

■ 63.7360, 84.6505,
71.5857

■ 64.6128, 85.0012,
76.2029

Harmonies

Analogous

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



27.1429, 24.2929, 40.8407



29.0161, 24.2929, 32.0138



29.2213, 24.2929, 23.2546

Triad

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



29.0161, 24.2929, 32.0138



21.9449, 24.2929, 13.3322



19.0361, 24.2929, 39.0310

Complementary

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



29.0161, 24.2929, 32.0138



27.1174, 35.0427, 30.5357

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.



17.8821, 24.2929, 29.9273



29.0161, 24.2929, 32.0138



19.4615, 24.2929, 15.9136

Square

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



29.0161, 24.2929, 32.0138



24.9582, 24.2929, 13.6536



18.0307, 24.2929, 21.5728



21.3169, 24.2929, 45.4590

Rectangle

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



29.0161, 24.2929, 32.0138



28.3647, 24.2929, 18.6901



18.0307, 24.2929, 21.5728



18.5129, 24.2929, 36.1081

Sweetspot

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



29.0168, 24.2940, 32.0143



63.2616, 62.5284, 72.1044



24.9510, 21.9848, 41.4569



13.9112, 13.6090, 15.8360



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.



29.0168, 24.2940, 32.0143



48.9300, 38.5196, 52.9784



27.2201, 23.5753, 22.5527



8.1954, 8.0914, 9.3398



14.4427, 7.2396, 9.9767



0.4281, 0.2119, 0.4162

Inverse Universe

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



29.0168, 24.2940, 32.0143



48.9300, 38.5196, 52.9784



29.1832, 35.8690, 41.4142



8.1954, 8.0914, 9.3398



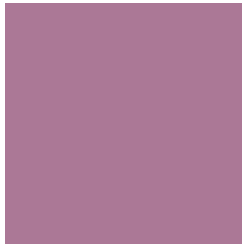
14.4427, 7.2396, 9.9767



0.4281, 0.2119, 0.4162

Previews

White Background



This preview shows how the XYZ color 29.0161, 24.2929, 32.0138 looks on a white background.

Color Contrast Check

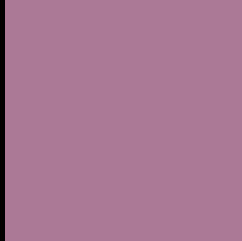
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0161, 24.2929, 32.0138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

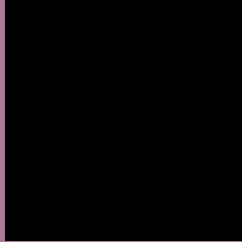
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0161, 24.2929, 32.0138

Background



This preview shows how black text looks on a background with the XYZ color 29.0161, 24.2929, 32.0138.



This preview shows how white text looks on a background with the XYZ color 29.0161, 24.2929,

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

29.0161, 24.2929, 32.0138

Protanopia

24.1432, 24.3787, 36.2340

Deuteranopia

24.9243, 24.4803, 31.4285



Tritanopia

27.6788, 24.2944, 25.4208

Trichromacy



Original Color

29.0161, 24.2929, 32.0138

Protanomaly

25.7051, 24.2118, 34.7710

Deuteranomaly

26.2809, 24.3806, 31.7545

Tritanomaly

28.1973, 24.3292, 27.6359

Monochromacy



Original Color

29.0161, 24.2929, 32.0138

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.9717, 25.0650, 29.4558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0161, 24.2929, 32.0138 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(171, 120, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 120, 150)  
}
```

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(171, 120, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 120, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.0161, 24.2929, 32.0138 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(171, 120, 150) }
```


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

```
.border{ border-color:rgb(171, 120, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 120, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 120, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 120, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 120,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0161, 24.2929, 32.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 120, 150) }
```

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

```
.background{ background-color: rgb(171,  
120, 150) }
```

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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