

Converting Colors

XYZ(29.0994, 21.0462, 40.8120)

Have a look what the booklet for
XYZ(29.0994, 21.0462, 40.8120)
contains.

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Color

**XYZ(29.2379, 21.1319,
41.0659)**

Conversions

Conversions Part 1

Format	Color
Hex	AD65AB
RGB	173, 101, 171
RGB Percent	68%, 40%, 67%
CMY	0.3216, 0.6039, 0.3294
CMYK	0.00, 0.42, 0.01, 0.32
HSL	302°, 31%, 54%
HSV	302°, 42%, 68%
XYZ	29.2379, 21.1319, 41.0659
YIQ	130.5080, 20.4420, 37.0340

Conversions

Conversions Part 2

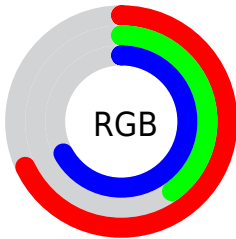
Format	Color
R _Y B	173, 101, 171
Decimal	11363755
CIE Lab	53.09, 39.71, -25.37
CIE LCh	53, 47.123, 327.421
Yxy	21.1319, 0.3198, 0.2311
Android (android.graphics.Color)	4289553835 (0xFFAD65AB)
YUV	130.5080, 19.9626, 37.2655
Hunter-Lab	45.9694, 33.0846, -20.7869

Details

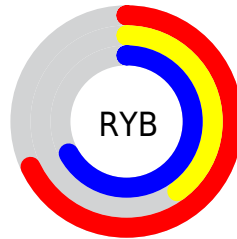
The XYZ color **29.2379, 21.1319, 41.0659** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.7595, 33.6338, 18.1256**, and the grayscale version is **21.3251, 22.4356, 24.4324**.

A 20% lighter version of the original color is **58.0539, 45.4802, 78.3918**, and **12.1213, 7.6215, 18.2850** is the 20% darker color. If you saturate the color by 10%, you get **27.6862, 18.1012, 40.3232**, and if you desaturate by 10%, it is **31.1448, 24.8717, 41.9282**.

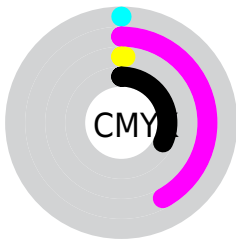
Distribution



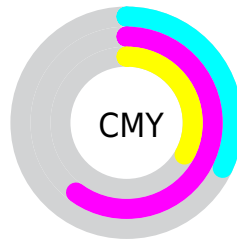
- Red (68%)
- Green (40%)
- Blue (67%)



- Red (68%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (42%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2379, 21.1319, 41.0659 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 29.2379, 21.1319, 41.0659 by changing the saturation by 10% instead.

■ 29.2379, 21.1319,
41.0659

■ 29.2379, 21.1319,
41.0659

290.3098,
257.9786, 366.2808

■ 19.4060, 13.2205,
28.0505

■ 57.8498, 45.3069,
78.0387

■ 12.0698, 7.5805,
18.1244

■ 77.3605, 62.3393,
102.8331

■ 6.8638, 3.8277,
10.8689

■ 100.8283, 83.1808,
132.3910

■ 3.4226, 1.5777,
5.8657

■ 128.6185,
108.2158, 167.1309

■ 1.3810, 0.3425,
2.6961

161.0963,
137.8287, 207.4712

■ 0.2426, 0.0000,
0.9415

198.6272,

■ 0.0000, 0.0000,

172.4039, 253.8306

0.0000

241.5766,
212.3257, 306.6276

■ 29.2379, 21.1319,
41.0659

■ 29.2379, 21.1319,
41.0659

■ 27.6862, 18.1012,
40.3232

■ 31.1448, 24.8717,
41.9282

■ 26.4651, 15.7319,
39.6914

■ 33.4250, 29.3586,
42.9156

■ 25.5504, 13.9753,
39.1625

■ 36.0984, 34.6312,
44.0348

■ 24.9138, 12.7743,
38.7271

■ 39.1823, 40.7248,
45.2917

■ 24.5213, 12.0616,
38.3739

■ 42.6933, 47.6723,
46.6918

■ 24.3198, 11.7187,
38.1209

■ 46.6471, 55.5052,
48.2403

■ 51.0585, 64.2529,
49.9422

■ 55.9417, 73.9439,
51.8022

■ 60.7637, 83.5123,
53.6426

Harmonies

Analogous

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



24.8036, 21.1319, 56.7527



29.2379, 21.1319, 41.0659



31.1945, 21.1319, 24.2598

Triad

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



29.2379, 21.1319, 41.0659



20.5173, 21.1319, 5.0910



12.7553, 21.1319, 38.0133

Complementary

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



29.2379, 21.1319, 41.0659



22.7595, 33.6338, 18.1256

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.



11.9870, 21.1319, 21.8020



29.2379, 21.1319, 41.0659



16.0067, 21.1319, 6.2861

Square

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



29.2379, 21.1319, 41.0659



25.6689, 21.1319, 6.8177



13.0749, 21.1319, 11.2156



15.3764, 21.1319, 54.5390

Rectangle

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



29.2379, 21.1319, 41.0659



30.6245, 21.1319, 15.7642



13.0749, 21.1319, 11.2156



12.2927, 21.1319, 32.1901

Sweetspot

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



29.2386, 21.1328, 41.0663



64.3456, 61.4214, 78.7379



17.6997, 15.1621, 41.5293



13.8470, 13.0783, 17.0549



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.



29.2386, 21.1328, 41.0663



49.7697, 32.7794, 72.3082



26.3178, 19.9645, 25.6855



8.3273, 8.1442, 10.0345



17.8700, 8.6105, 28.0246



0.5001, 0.2407, 0.7951

Inverse Universe

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



29.2386, 21.1328, 41.0663



49.7697, 32.7794, 72.3082



24.9132, 34.4952, 29.4669



8.3273, 8.1442, 10.0345



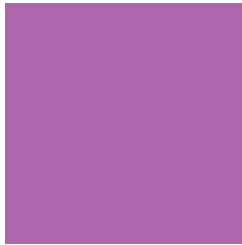
17.8700, 8.6105, 28.0246



0.5001, 0.2407, 0.7951

Previews

White Background



This preview shows how the XYZ color 29.2379, 21.1319, 41.0659 looks on a white background.

Color Contrast Check

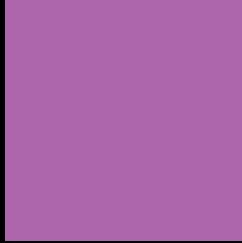
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2379, 21.1319, 41.0659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

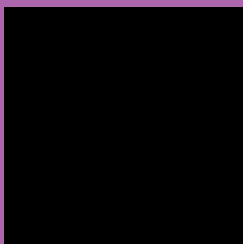
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2379, 21.1319, 41.0659

Background



This preview shows how black text looks on a background with the XYZ color 29.2379, 21.1319, 41.0659.



This preview shows how white text looks on a background with the XYZ color 29.2379, 21.1319,

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

29.2379, 21.1319, 41.0659

Protanopia

22.4536, 21.3882, 51.6601

Deuteranopia

21.7799, 21.3088, 39.5243



Tritanopia

25.1207, 21.1599, 20.5296

Trichromacy



Original Color

29.2379, 21.1319, 41.0659

Protanomaly

23.9986, 20.6555, 47.5218

Deuteranomaly

23.7945, 20.7212, 39.7913

Tritanomaly

26.3849, 21.0242, 27.0935

Monochromacy



Original Color

29.2379, 21.1319, 41.0659

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.7588, 21.6193, 30.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2379, 21.1319, 41.0659 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, 101, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 101, 171)  
}
```

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, 101, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 101, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.2379, 21.1319, 41.0659 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, 101, 171) }
```


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

```
.border{ border-color:rgb(173, 101, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 101, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 101, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 101, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 101,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2379, 21.1319, 41.0659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 101, 171) }
```

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

```
.background{ background-color: rgb(173,  
101, 171) }
```

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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