

Converting Colors

XYZ(29.3183, 19.0426, 48.0293)

Have a look what the booklet for
XYZ(29.3183, 19.0426, 48.0293)
contains.

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Color

**XYZ(29.3183, 19.0426,
48.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	AD56B9
RGB	173, 86, 185
RGB Percent	68%, 34%, 73%
CMY	0.3216, 0.6627, 0.2745
CMYK	0.06, 0.54, 0.00, 0.27
HSL	293°, 41%, 53%
HSV	293°, 54%, 73%
XYZ	29.3183, 19.0426, 48.0293
YIQ	123.2990, 20.0730, 49.2330

Conversions

Conversions Part 2

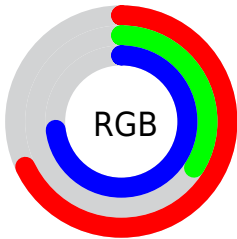
Format	Color
R_{YB}	173, 86, 185
Decimal	11359929
CIE _{Lab}	50.74, 50.17, -37.18
CIE _{LCh}	51, 62.450, 323.460
Yxy	19.0426, 0.3042, 0.1976
Android (android.graphics.Color)	4289550009 (0xFFAD56B9)
YUV	123.2990, 30.4186, 43.5878
Hunter-Lab	43.6378, 43.5599, -34.7101

Details

The XYZ color **29.3183, 19.0426, 48.0293** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **24.0663, 37.9670, 14.8649**, and the grayscale version is **18.8241, 19.8045, 21.5671**.

A 20% lighter version of the original color is **57.7429, 41.6391, 88.2129**, and **12.0845, 6.5233, 22.0949** is the 20% darker color. If you saturate the color by 10%, you get **27.5364, 16.2082, 47.5764**, and if you desaturate by 10%, it is **31.4922, 22.6474, 48.6108**.

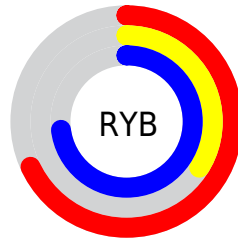
Distribution



Red (68%)

Green (34%)

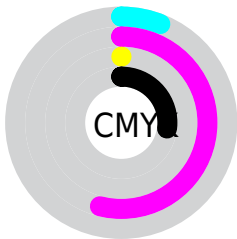
Blue (73%)



Red (68%)

Yellow (34%)

Blue (73%)

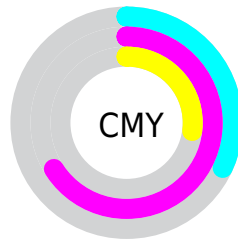


Cyan (6%)

Magenta (54%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (66%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3183, 19.0426, 48.0293 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 29.3183, 19.0426, 48.0293 by changing the saturation by 10% instead.

■ 29.3183, 19.0426,
48.0293

■ 29.3183, 19.0426,
48.0293

290.6810,
246.6838, 395.4203

■ 19.4672, 11.7011,
33.4899

■ 57.9765, 41.8061,
88.6140

■ 12.1144, 6.5405,
22.2278

■ 77.5143, 57.9968,
115.4965

■ 6.8944, 3.1764,
13.8245

■ 101.0118, 77.9060,
147.3304

■ 3.4419, 1.2245,
7.8613

■ 128.8342,
101.9182, 184.5342

■ 1.3915, 0.0816,
3.9199

■ 161.3470,
130.4177, 227.5266

■ 0.2502, 0.0000,
1.5815

198.9155,

■ 0.0000, 0.0000,

163.7888, 276.7261

0.2776

241.9051,
202.4161, 332.5511

■ 0.0000, 0.0000,
0.0000

■ 29.3183, 19.0426,
48.0293

■ 29.3183, 19.0426,
48.0293

■ 27.5364, 16.2082,
47.5764

■ 31.4922, 22.6474,
48.6108

■ 26.1141, 14.0814,
47.2409

■ 34.0829, 27.0741,
49.3287

■ 25.0176, 12.5937,
47.0115

■ 37.1156, 32.3724,
50.1915

■ 24.2049, 11.6617,
46.8744

■ 40.6131, 38.5875,
51.2068

■ 23.7748, 11.2447,
46.8166

■ 44.5962, 45.7614,
52.3816

■ 49.0848, 53.9336,
53.7224

■ 54.0975, 63.1413,
55.2355

■ 59.6520, 73.4197,
56.9267

■ 65.7650, 84.8025,
58.8016

Harmonies

Analogous

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



23.2095, 19.0426, 69.6813



29.3183, 19.0426, 48.0293



32.5182, 19.0426, 24.8222

Triad

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



29.3183, 19.0426, 48.0293



19.4756, 19.0426, 2.0286



9.2964, 19.0426, 37.2871

Complementary

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



29.3183, 19.0426, 48.0293



24.0663, 37.9670, 14.8649

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.



8.7325, 19.0426, 17.1216



29.3183, 19.0426, 48.0293



13.8005, 19.0426, 2.6249

Square

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



29.3183, 19.0426, 48.0293



26.0641, 19.0426, 3.7187



10.1844, 19.0426, 6.4295



11.9491, 19.0426, 61.4049

Rectangle

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



29.3183, 19.0426, 48.0293



32.1545, 19.0426, 13.8271



10.1844, 19.0426, 6.4295



8.8854, 19.0426, 29.6266

Sweetspot

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



29.3190, 19.0434, 48.0297



70.9294, 65.8801, 91.1824



17.0763, 14.4438, 47.7871



15.0112, 13.7045, 19.5757



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.3190, 19.0434, 48.0297



48.8857, 28.3645, 85.1029



28.7369, 19.1310, 30.4872



9.2709, 9.1060, 11.3484



16.2294, 7.6778, 31.8796



0.6025, 0.2863, 1.1253

Inverse Universe

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



25.5406, 17.8525, 13.6559



41.7285, 26.1927, 16.1904



24.7189, 38.0894, 24.5601



9.0477, 9.0295, 9.5987



13.7397, 7.0696, 1.2500



0.4989, 0.2550, 0.1206

Previews

White Background



This preview shows how the XYZ color 29.3183, 19.0426, 48.0293 looks on a white background.

Color Contrast Check

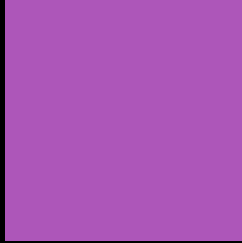
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3183, 19.0426, 48.0293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

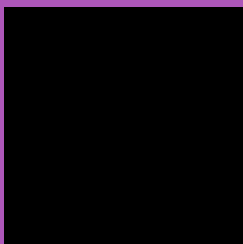
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3183, 19.0426, 48.0293

Background



This preview shows how black text looks on a background with the XYZ color 29.3183, 19.0426, 48.0293.



This preview shows how white text looks on a background with the XYZ color 29.3183, 19.0426,

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

29.3183, 19.0426, 48.0293

Protanopia

21.6766, 19.3897, 66.2184

Deuteranopia

19.6770, 19.1744, 45.3118



Tritanopia

22.9792, 18.8570, 17.7579

Trichromacy



Original Color

29.3183, 19.0426, 48.0293

Protanomaly

22.6156, 18.0646, 58.7948

Deuteranomaly

22.0152, 18.3464, 46.0969

Tritanomaly

24.8712, 18.6290, 26.7110

Monochromacy



Original Color

29.3183, 19.0426, 48.0293

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.7487, 18.8899, 29.6940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3183, 19.0426, 48.0293 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, 86, 185)` looks like.

```
.text, #text, p{  
    color:rgb(173, 86, 185)  
}
```

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, 86, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 86, 185) }
```

Border

The CSS property to change the border of an element to XYZ 29.3183, 19.0426, 48.0293 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, 86, 185) }
```


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

```
.border{ border-color:rgb(173, 86, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 86, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 86, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 86, 185);  
box-shadow:4px 4px 4px 4px rgb(173, 86,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3183, 19.0426, 48.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 86, 185) }
```

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

```
.background{ background-color: rgb(173, 86,  
185) }
```

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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