

Converting Colors

XYZ(28.6818, 16.2586, 40.1546)

Have a look what the booklet for
XYZ(28.6818, 16.2586, 40.1546)
contains.

XYZ(28.6818, 16.2586, 40.1546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.6818, 16.2586,
40.1546)**

Conversions

Conversions Part 1

Format	Color
Hex	B83BAB
RGB	184, 59, 171
RGB Percent	72%, 23%, 67%
CMY	0.2784, 0.7686, 0.3294
CMYK	0.00, 0.68, 0.07, 0.28
HSL	306°, 51%, 48%
HSV	306°, 68%, 72%
XYZ	28.6818, 16.2586, 40.1546
YIQ	109.1430, 38.5480, 61.3320

Conversions

Conversions Part 2

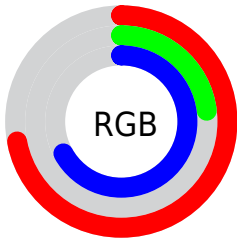
Format	Color
R_{YB}	184, 59, 171
Decimal	12073899
CIE _{Lab}	47.31, 62.48, -34.27
CIE _{LCh}	47, 71.255, 331.257
Yxy	16.2586, 0.3371, 0.1911
Android (android.graphics.Color)	4290263979 (0xFFB83BAB)
YUV	109.1430, 30.4955, 65.6496
Hunter-Lab	40.3220, 56.4071, -30.8186

Details

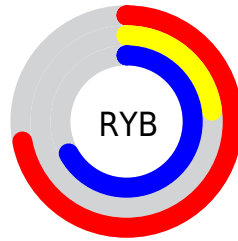
The XYZ color **28.6818, 16.2586, 40.1546** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.1146, 35.6793, 11.9588**, and the grayscale version is **14.4859, 15.2403, 16.5967**.

A 20% lighter version of the original color is **57.0727, 37.0915, 76.8244**, and **12.0224, 5.8200, 17.6293** is the 20% darker color. If you saturate the color by 10%, you get **27.7163, 14.6171, 38.9393**, and if you desaturate by 10%, it is **29.9843, 18.5691, 41.4955**.

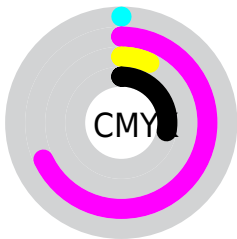
Distribution



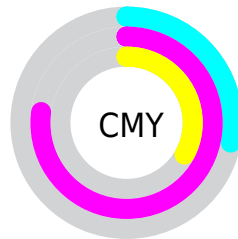
- Red (72%)
- Green (23%)
- Blue (67%)



- Red (72%)
- Yellow (23%)
- Blue (67%)



- Cyan (0%)
- Magenta (68%)
- Yellow (7%)
- Black (28%)





- Cyan (28%)
- Magenta (77%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6818, 16.2586, 40.1546 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 28.6818, 16.2586, 40.1546 by changing the saturation by 10% instead.

 28.6818, 16.2586,
40.1546


 28.6818, 16.2586,
40.1546


287.7320,
230.8629, 362.3462


 18.9833, 9.7073,
27.3444


 56.9722, 37.0466,
76.6385


 11.7622, 5.2053,
17.5973


 76.2948, 52.0521,
101.1494


 6.6530, 2.3682,
10.4948


 99.5562, 70.6444,
130.3975

 3.2904, 0.8095,
5.6184

 127.1217, 93.2080,
164.8014

 1.3091, 0.0000,
2.5495

 159.3567,
120.1273, 204.7797

 0.1900, 0.0000,
0.8662

196.6265,

 0.0000, 0.0000,

151.7866, 250.7509

0.0000

239.2965,
188.5703, 303.1336

■ 28.6818, 16.2586,
40.1546

■ 28.6818, 16.2586,
40.1546

■ 27.7163, 14.6171,
38.9393

■ 29.9843, 18.5691,
41.4955

■ 27.0493, 13.5686,
37.8364

■ 31.6536, 21.6094,
42.9716

■ 26.6238, 12.9991,
36.8270

■ 33.7181, 25.4359,
44.5926

■ 26.5464, 12.9021,
36.6233

■ 36.2031, 30.0989,
46.3669

■ 39.1315, 35.6445,
48.3023

■ 42.5247, 42.1156,
50.4059

■ 46.4028, 49.5520,
52.6845

■ 50.7846, 57.9914,
55.1444

■ 55.6879, 67.4695,
57.7916

Harmonies

Analogous

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



22.6236, 16.2586, 66.9513



28.6818, 16.2586, 40.1546



30.9893, 16.2586, 16.9533

Triad

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



28.6818, 16.2586, 40.1546



15.1893, 16.2586, 0.7225



7.2433, 16.2586, 42.4713

Complementary

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



28.6818, 16.2586, 40.1546



20.1146, 35.6793, 11.9588

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.



6.2356, 16.2586, 18.4741



28.6818, 16.2586, 40.1546



9.9849, 16.2586, 1.5285

Square

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



28.6818, 16.2586, 40.1546



22.0359, 16.2586, 1.3847



7.0843, 16.2586, 5.7174



10.3326, 16.2586, 68.8140

Rectangle

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



28.6818, 16.2586, 40.1546



29.7025, 16.2586, 7.8741



7.0843, 16.2586, 5.7174



6.6945, 16.2586, 33.4805

Sweetspot

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



28.6824, 16.2594, 40.1549



69.5845, 62.0484, 86.6897



12.8520, 7.9482, 46.2046



14.6759, 12.7603, 18.4754



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.



28.6824, 16.2594, 40.1549



49.5226, 25.3392, 69.4761



24.0922, 14.4233, 15.9834



9.3396, 9.1462, 11.1357



18.3108, 8.8981, 25.3211



0.6572, 0.3183, 0.9540

Inverse Universe

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



28.6824, 16.2594, 40.1549



49.5226, 25.3392, 69.4761



23.2480, 36.9326, 28.4588



9.3396, 9.1462, 11.1357



18.3108, 8.8981, 25.3211



0.6572, 0.3183, 0.9540

Previews

White Background



This preview shows how the XYZ color 28.6818, 16.2586, 40.1546 looks on a white background.

Color Contrast Check

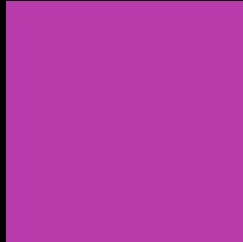
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6818, 16.2586, 40.1546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

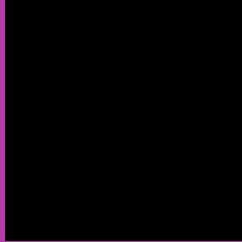
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.6818, 16.2586, 40.1546

Background



This preview shows how black text looks on a background with the XYZ color 28.6818, 16.2586, 40.1546.



This preview shows how white text looks on a background with the XYZ color 28.6818, 16.2586,

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

28.6818, 16.2586, 40.1546

Protanopia

19.3315, 16.6520, 67.1610

Deuteranopia

16.9192, 16.5598, 36.9550



Tritanopia

22.6950, 16.1928, 11.6022

Trichromacy



Original Color

28.6818, 16.2586, 40.1546



Protanomaly

19.5332, 14.4190, 56.3972



Deuteranomaly

19.4015, 15.0175, 37.9525



Tritanomaly

24.2059, 15.8290, 19.2323

Monochromacy



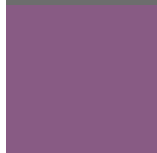
Original Color

28.6818, 16.2586, 40.1546



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

18.0593, 14.3824, 23.6540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6818, 16.2586, 40.1546 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(184, 59, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 59, 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(184, 59, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 59, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.6818, 16.2586, 40.1546 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(184, 59, 171) }
```


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

```
.border{ border-color:rgb(184, 59, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 59, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 59, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 59, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 59,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6818, 16.2586, 40.1546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 59, 171) }
```

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

```
.background{ background-color: rgb(184, 59,  
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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