

Converting Colors

XYZ(26.3096, 17.3385, 39.0058)

Have a look what the booklet for
XYZ(26.3096, 17.3385, 39.0058)
contains.

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Color

**XYZ(26.3096, 17.3385,
39.0058)**

Conversions

Conversions Part 1

Format	Color
Hex	A853A8
RGB	168, 83, 168
RGB Percent	66%, 33%, 66%
CMY	0.3412, 0.6745, 0.3412
CMYK	0.00, 0.51, 0.00, 0.34
HSL	300°, 34%, 49%
HSV	300°, 51%, 66%
XYZ	26.3096, 17.3385, 39.0058
YIQ	118.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

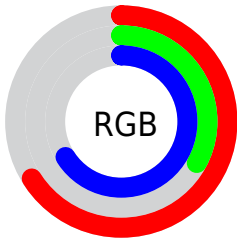
Format	Color
R _Y B	168, 83, 168
Decimal	11031464
CIE Lab	48.68, 47.05, -30.52
CIE LCh	49, 56.081, 327.030
Yxy	17.3385, 0.3183, 0.2098
Android (android.graphics.Color)	4289221544 (0xFFA853A8)
YUV	118.1050, 24.5982, 43.7579
Hunter-Lab	41.6395, 39.9146, -26.3922

Details

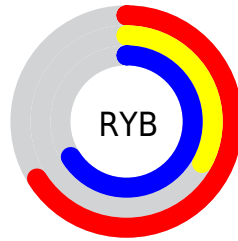
The XYZ color **26.3096, 17.3385, 39.0058** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19.1320, 30.4695, 13.0574**, and the grayscale version is **17.1736, 18.0680, 19.6761**.

A 20% lighter version of the original color is **53.1748, 38.9436, 74.5263**, and **10.5561, 5.7669, 17.0798** is the 20% darker color. If you saturate the color by 10%, you get **25.1768, 15.0724, 38.6283**, and if you desaturate by 10%, it is **27.7551, 20.2290, 39.4878**.

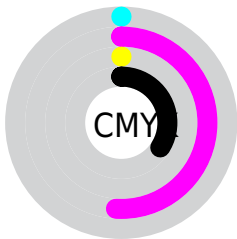
Distribution



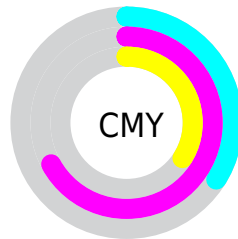
- Red (66%)
- Green (33%)
- Blue (66%)



- Red (66%)
- Yellow (33%)
- Blue (66%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (34%)



- Cyan (34%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3096, 17.3385, 39.0058 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 26.3096, 17.3385, 39.0058 by changing the saturation by 10% instead.

26.3096, 17.3385,
39.0058

26.3096, 17.3385,
39.0058

276.5275,
237.1156, 357.3418

17.1893, 10.4761,
26.4564

53.2017, 38.9069,
74.8676

10.4657, 5.7158,
16.9365

71.7043, 54.3816,
99.0171

5.7734, 2.6730,
10.0278

94.0649, 73.4960,
127.8703

2.7471, 0.9635,
5.3115

120.6491, 96.6344,
161.8459

1.0215, 0.0000,
2.3693

151.8220,
124.1811, 201.3622

0.0000, 0.0000,
0.7696

187.9492,

0.0000, 0.0000,

156.5206, 246.8380

0.0000

229.3959,
194.0373, 298.6917

■ 26.3096, 17.3385,
39.0058

■ 26.3096, 17.3385,
39.0058

■ 25.1768, 15.0724,
38.6283

■ 27.7551, 20.2290,
39.4878

■ 24.3319, 13.3827,
38.3466

■ 29.5319, 23.7827,
40.0802

■ 23.7495, 12.2180,
38.1524

■ 31.6597, 28.0382,
40.7895

■ 23.3990, 11.5169,
38.0355

■ 34.1557, 33.0302,
41.6216

■ 23.2166, 11.1521,
37.9747

■ 37.0363, 38.7913,
42.5818

■ 40.3167, 45.3521,
43.6753

■ 44.0114, 52.7415,
44.9070

■ 48.1341, 60.9870,
46.2813

■ 52.6980, 70.1147,
47.8026

Harmonies

Analogous

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



21.4246, 17.3385, 57.3080



26.3096, 17.3385, 39.0058



28.5391, 17.3385, 20.3932

Triad

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



26.3096, 17.3385, 39.0058



17.0004, 17.3385, 2.3291



9.1139, 17.3385, 35.0045

Complementary

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



26.3096, 17.3385, 39.0058



19.1320, 30.4695, 13.0574

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.



8.4100, 17.3385, 17.4410



26.3096, 17.3385, 39.0058



12.3610, 17.3385, 3.1765

Square

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



26.3096, 17.3385, 39.0058



22.5055, 17.3385, 3.6479



9.4655, 17.3385, 7.2343



11.6387, 17.3385, 54.2694

Rectangle

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



26.3096, 17.3385, 39.0058



27.9339, 17.3385, 11.7059



9.4655, 17.3385, 7.2343



8.6828, 17.3385, 28.5082

Sweetspot

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



26.3102, 17.3393, 39.0062



59.7738, 55.5256, 74.7920



13.7292, 10.8535, 38.4177



12.8312, 11.7084, 16.2358



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.3102, 17.3393, 39.0062



45.4195, 26.8172, 70.0067



22.9761, 16.0057, 21.4492



7.8419, 7.6666, 9.4848



17.5320, 8.4215, 28.6765



0.4266, 0.2049, 0.6977

Inverse Universe

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



26.3102, 17.3393, 39.0062



45.4195, 26.8172, 70.0067



21.3044, 31.3384, 24.4969



7.8419, 7.6666, 9.4848



17.5320, 8.4215, 28.6765



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 26.3096, 17.3385, 39.0058 looks on a white background.

Color Contrast Check

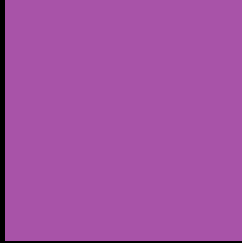
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3096, 17.3385, 39.0058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

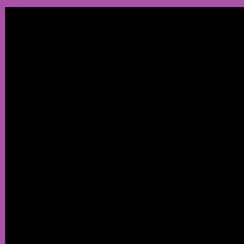
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.3096, 17.3385, 39.0058

Background



This preview shows how black text looks on a background with the XYZ color 26.3096, 17.3385, 39.0058.



This preview shows how white text looks on a background with the XYZ color 26.3096, 17.3385,

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

26.3096, 17.3385, 39.0058

Protanopia

19.3222, 17.7687, 53.4502

Deuteranopia

17.9079, 17.5794, 36.6317



Tritanopia

21.4664, 17.2496, 15.8338

Trichromacy



Original Color

26.3096, 17.3385, 39.0058

Protanomaly

20.5466, 16.7807, 48.0550

Deuteranomaly

20.0085, 16.7408, 37.2987

Tritanomaly

22.9811, 17.2002, 22.8776

Monochromacy



Original Color

26.3096, 17.3385, 39.0058

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.6489, 17.1150, 25.5605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3096, 17.3385, 39.0058 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(168, 83, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 83, 168)  
}
```

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(168, 83, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 83, 168) }
```

Border

The CSS property to change the border of an element to XYZ 26.3096, 17.3385, 39.0058 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(168, 83, 168) }
```


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

```
.border{ border-color:rgb(168, 83, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 83, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 83, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 83, 168); box-shadow:4px 4px 4px 4px rgb(168, 83, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3096, 17.3385, 39.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 83, 168) }
```

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

```
.background{ background-color: rgb(168, 83,  
168) }
```

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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