

Converting Colors

XYZ(26.7990, 19.3549, 38.2797)

Have a look what the booklet for
XYZ(26.7990, 19.3549, 38.2797)
contains.

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Color

**XYZ(26.8835, 19.4096,
38.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	A661A6
RGB	166, 97, 166
RGB Percent	65%, 38%, 65%
CMY	0.3490, 0.6196, 0.3490
CMYK	0.00, 0.42, 0.00, 0.35
HSL	300°, 28%, 52%
HSV	300°, 42%, 65%
XYZ	26.8835, 19.4096, 38.4059
YIQ	125.4970, 18.9750, 36.0870

Conversions

Conversions Part 2

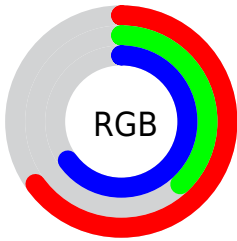
Format	Color
R_{YB}	166, 97, 166
Decimal	10903974
CIE _{Lab}	51.16, 38.71, -25.51
CIE _{LCh}	51, 46.365, 326.615
Yxy	19.4096, 0.3174, 0.2292
Android (android.graphics.Color)	4289094054 (0xFFA661A6)
YUV	125.4970, 19.9680, 35.5211
Hunter-Lab	44.0563, 31.8235, -20.8464

Details

The XYZ color **26.8835, 19.4096, 38.4059** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.7245, 30.6775, 16.1394**, and the grayscale version is **19.5914, 20.6117, 22.4461**.

A 20% lighter version of the original color is **53.9228, 42.2449, 73.7187**, and **10.7359, 6.6927, 16.6456** is the 20% darker color. If you saturate the color by 10%, you get **25.5074, 16.6570, 37.9474**, and if you desaturate by 10%, it is **28.5818, 22.8058, 38.9722**.

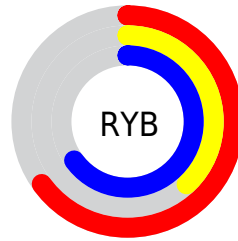
Distribution



Red (65%)

Green (38%)

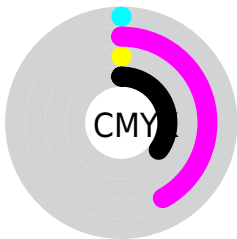
Blue (65%)



Red (65%)

Yellow (38%)

Blue (65%)

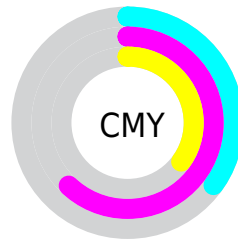


Cyan (0%)

Magenta (42%)

Yellow (0%)

Black (35%)



Cyan (35%)


Magenta (62%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8835, 19.4096, 38.4059 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 26.8835, 19.4096, 38.4059 by changing the saturation by 10% instead.


 26.8835, 19.4096,
38.4059


 26.8835, 19.4096,
38.4059


279.2705,
248.7007, 354.7082


 17.6219, 11.9666,
25.9936


 54.1181, 42.4251,
73.9402


 10.7769, 6.7210,
16.5931


 72.8217, 58.7664,
97.8992

 5.9832, 3.2882,
9.7859


 95.4035, 78.8426,
126.5442

 2.8754, 1.2840,
5.1535

 122.2286,
103.0381, 160.2938

 1.0882, 0.1288,
2.2773

153.6625,
131.7372, 199.5665

 0.0152, 0.0000,
0.7185

190.0706,

 0.0000, 0.0000,

165.3245, 244.7807

0.0000

231.8181,
204.1842, 296.3551

■ 26.8835, 19.4096,
38.4059

■ 26.8835, 19.4096,
38.4059

■ 25.5074, 16.6570,
37.9474

■ 28.5818, 22.8058,
38.9722

■ 24.4314, 14.5050,
37.5887

■ 30.6189, 26.8800,
39.6513

■ 23.6337, 12.9097,
37.3227

■ 33.0124, 31.6670,
40.4492

■ 23.0887, 11.8197,
37.1410

■ 35.7782, 37.1986,
41.3711

■ 22.7661, 11.1744,
37.0335

■ 38.9313, 43.5047,
42.4222

■ 22.6090, 10.8603,
36.9811

■ 42.4857, 50.6136,
43.6070

■ 46.4549, 58.5519,
44.9301

■ 50.8517, 67.3455,
46.3958

■ 55.6882, 77.0185,
48.0080

Harmonies

Analogous

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



22.7110, 19.4096, 52.9230



26.8835, 19.4096, 38.4059



28.7868, 19.4096, 22.6682

Triad

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



26.8835, 19.4096, 38.4059



18.9765, 19.4096, 4.5718



11.6041, 19.4096, 34.6685

Complementary

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



26.8835, 19.4096, 38.4059



20.7245, 30.6775, 16.1394

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.



10.9391, 19.4096, 19.6702



26.8835, 19.4096, 38.4059



14.7553, 19.4096, 5.5930

Square

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



26.8835, 19.4096, 38.4059



23.7681, 19.4096, 6.2338



11.9926, 19.4096, 10.0167



13.9880, 19.4096, 50.2071

Rectangle

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



26.8835, 19.4096, 38.4059



28.3123, 19.4096, 14.6742



11.9926, 19.4096, 10.0167



11.1913, 19.4096, 29.2555

Sweetspot

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



26.8841, 19.4105, 38.4063



59.6070, 56.8585, 73.3084



16.0883, 13.8450, 37.9012



13.2117, 12.4695, 16.3626



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.



26.8841, 19.4105, 38.4063



46.4350, 30.5146, 68.9174



24.1321, 18.3096, 23.9140



7.8419, 7.6666, 9.4848



17.5320, 8.4215, 28.6767



0.4266, 0.2049, 0.6977

Inverse Universe

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



26.8841, 19.4105, 38.4063



46.4350, 30.5146, 68.9174



22.6975, 31.4667, 26.5292



7.8419, 7.6666, 9.4848



17.5320, 8.4215, 28.6767



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 26.8835, 19.4096, 38.4059 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 26.8835, 19.4096, 38.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

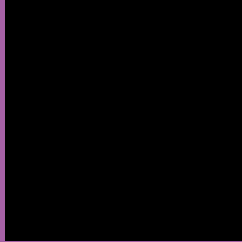
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8835, 19.4096, 38.4059

Background



This preview shows how black text looks on a background with the XYZ color 26.8835, 19.4096, 38.4059.



This preview shows how white text looks on a background with the XYZ color 26.8835, 19.4096,

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

26.8835, 19.4096, 38.4059

Protanopia

20.6237, 19.6030, 48.0442

Deuteranopia

20.0481, 19.5523, 36.8997



Tritanopia

23.0122, 19.4597, 19.0662

Trichromacy



Original Color

26.8835, 19.4096, 38.4059

Protanomaly

22.0422, 19.0478, 44.1098

Deuteranomaly

21.9207, 19.1382, 37.1890

Tritanomaly

24.1537, 19.3032, 25.0071

Monochromacy



Original Color

26.8835, 19.4096, 38.4059

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.6796, 19.7304, 27.4766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8835, 19.4096, 38.4059 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(166, 97, 166)` looks like.

```
.text, #text, p{  
  color:rgb(166, 97, 166)  
}
```

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(166, 97, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 97, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.8835, 19.4096, 38.4059 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(166, 97, 166) }
```


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

```
.border{ border-color:rgb(166, 97, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 97, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 97, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 97, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 97,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8835, 19.4096, 38.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 97, 166) }
```

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

```
.background{ background-color: rgb(166, 97,  
166) }
```

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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