

Converting Colors

XYZ(26.3288, 19.5052, 33.0034)

Have a look what the booklet for
XYZ(26.3288, 19.5052, 33.0034)
contains.

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Color

**XYZ(26.2309, 19.4723,
32.9479)**

Conversions

Conversions Part 1

Format	Color
Hex	A7639A
RGB	167, 99, 154
RGB Percent	65%, 39%, 60%
CMY	0.3451, 0.6117, 0.3961
CMYK	0.00, 0.41, 0.08, 0.35
HSL	311°, 28%, 52%
HSV	311°, 41%, 65%
XYZ	26.2309, 19.4723, 32.9479
YIQ	125.6020, 22.8730, 31.5210

Conversions

Conversions Part 2

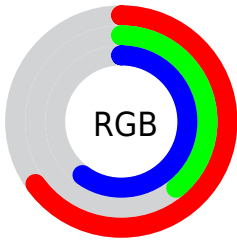
Format	Color
R_{YB}	167, 99, 154
Decimal	10970010
CIE _{Lab}	51.24, 35.73, -18.35
CIE _{LCh}	51, 40.163, 332.814
Yxy	19.4723, 0.3335, 0.2476
Android (android.graphics.Color)	4289160090 (0xFFA7639A)
YUV	125.6020, 14.0002, 36.3060
Hunter-Lab	44.1274, 28.8837, -13.3799

Details

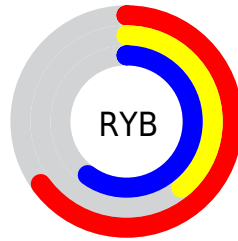
The XYZ color **26.2309, 19.4723, 32.9479** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.8898, 31.4605, 20.2492**, and the grayscale version is **19.6455, 20.6686, 22.5081**.

A 20% lighter version of the original color is **53.0067, 42.4246, 65.7166**, and **10.3565, 6.6866, 13.5768** is the 20% darker color. If you saturate the color by 10%, you get **24.5471, 16.5243, 31.0922**, and if you desaturate by 10%, it is **28.2502, 23.0792, 34.9508**.

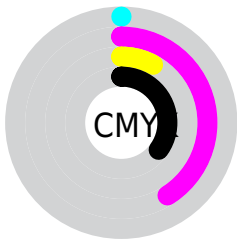
Distribution



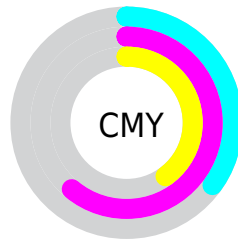
- Red (65%)
- Green (39%)
- Blue (60%)



- Red (65%)
- Yellow (39%)
- Blue (60%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (35%)





- Cyan (35%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2309, 19.4723, 32.9479 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 26.2309, 19.4723, 32.9479 by changing the saturation by 10% instead.


 26.2309, 19.4723,
32.9479


 26.2309, 19.4723,
32.9479


276.1497,
249.0439, 330.0397


 17.1300, 12.0120,
21.8157


 53.0759, 42.5307,
65.4093


 10.4231, 6.7519,
13.5246


 71.5507, 58.8976,
87.5755

 5.7448, 3.3074,
7.6558


 93.8809, 79.0021,
114.2569

 2.7297, 1.2943,
3.7909

 120.4318,
103.2288, 145.8720

 1.0125, 0.1368,
1.5113

151.5687,
131.9619, 182.8393

 0.0000, 0.0000,
0.2264

187.6571,

 0.0000, 0.0000,

165.5858, 225.5773

0.0000

229.0623,
204.4850, 274.5046

■ 26.2309, 19.4723,
32.9479

■ 26.2309, 19.4723,
32.9479

■ 24.5471, 16.5243,
31.0922

■ 28.2502, 23.0792,
34.9508

■ 23.1765, 14.1918,
29.3753

■ 30.6217, 27.3796,
37.1060

■ 22.0972, 12.4307,
27.7898

■ 33.3633, 32.4087,
39.4201

■ 21.2833, 11.1895,
26.3270

■ 36.4912, 38.1986,
41.8985

■ 20.7046, 10.4077,
24.9763

■ 40.0203, 44.7795,
44.5467

■ 20.3147, 9.9669,
23.8015

■ 43.9651, 52.1799,
47.3696

■ 48.3391, 60.4270,
50.3721

■ 53.1554, 69.5466,
53.5586

■ 58.4262, 79.5635,
56.9337

Harmonies

Analogous

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



22.9987, 19.4723, 45.6386



26.2309, 19.4723, 32.9479



27.3061, 19.4723, 20.1383

Triad

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



26.2309, 19.4723, 32.9479



18.1326, 19.4723, 5.9296



12.7650, 19.4723, 35.5267

Complementary

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



26.2309, 19.4723, 32.9479



21.8898, 31.4605, 20.2492

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.



11.8372, 19.4723, 22.3025



26.2309, 19.4723, 32.9479



14.6433, 19.4723, 7.5508

Square

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



26.2309, 19.4723, 32.9479



22.2506, 19.4723, 7.0201



12.4723, 19.4723, 12.6435



15.2102, 19.4723, 47.4663

Rectangle

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



26.2309, 19.4723, 32.9479



26.5451, 19.4723, 13.7538



12.4723, 19.4723, 12.6435



12.2826, 19.4723, 30.9460

Sweetspot

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



26.2315, 19.4732, 32.9483



58.9707, 56.6040, 69.9577



18.0523, 15.1247, 38.5274



13.0552, 12.4068, 15.5381



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.



26.2315, 19.4732, 32.9483



44.1902, 29.9885, 55.9496



23.8216, 18.5092, 20.2576



7.7795, 7.6417, 9.1560



15.5620, 7.6335, 18.3030



0.3940, 0.1919, 0.5263

Inverse Universe

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



26.2315, 19.4732, 32.9483



44.1902, 29.9885, 55.9496



24.1119, 32.3493, 31.9510



7.7795, 7.6417, 9.1560



15.5620, 7.6335, 18.3030



0.3940, 0.1919, 0.5263

Previews

White Background



This preview shows how the XYZ color 26.2309, 19.4723, 32.9479 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 26.2309, 19.4723, 32.9479 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 26.2309, 19.4723, 32.9479

Background



This preview shows how black text looks on a background with the XYZ color 26.2309, 19.4723, 32.9479.



This preview shows how white text looks on a background with the XYZ color 26.2309, 19.4723,

32.9479.

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

26.2309, 19.4723, 32.9479

Protanopia

20.2774, 19.7652, 40.7765

Deuteranopia

19.9672, 19.6280, 31.5904



Tritanopia

23.2525, 19.4346, 18.7454

Trichromacy



Original Color

26.2309, 19.4723, 32.9479

Protanomaly

21.6592, 19.1577, 37.6782

Deuteranomaly

21.6966, 19.1411, 31.8292

Tritanomaly

24.2226, 19.3781, 23.2326

Monochromacy



Original Color

26.2309, 19.4723, 32.9479

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.6738, 19.9311, 25.9973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2309, 19.4723, 32.9479 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(167, 99, 154)` looks like.

```
.text, #text, p{  
    color:rgb(167, 99, 154)  
}
```

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(167, 99, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 99, 154) }
```

Border

The CSS property to change the border of an element to XYZ 26.2309, 19.4723, 32.9479 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(167, 99, 154) }
```


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

```
.border{ border-color:rgb(167, 99, 154) }
```

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

Here you see how a box with a 4 pixel rgb(167, 99, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 99, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 99, 154);  
box-shadow:4px 4px 4px 4px rgb(167, 99,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2309, 19.4723, 32.9479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 99, 154) }
```

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

```
.background{ background-color: rgb(167, 99,  
154) }
```

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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