

Converting Colors

XYZ(26.4466, 19.4325, 33.4407)

Have a look what the booklet for
XYZ(26.4466, 19.4325, 33.4407)
contains.

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Color

**XYZ(26.4325, 19.4268,
33.3669)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A8629B |
| RGB | 168, 98, 155 |
| RGB Percent | 66%, 38%, 61% |
| CMY | 0.3412, 0.6157, 0.3922 |
| CMYK | 0.00, 0.42, 0.08, 0.34 |
| HSL | 311°, 29%, 52% |
| HSV | 311°, 42%, 66% |
| XYZ | 26.4325, 19.4268, 33.3669 |
| YIQ | 125.4280, 23.4230, 32.5670 |

Conversions

Conversions Part 2

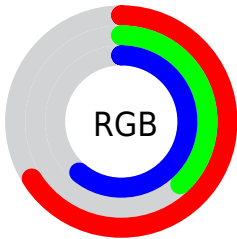
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 168, 98, 155 |
| Decimal | 11035291 |
| CIE Lab | 51.18, 36.78, -19.01 |
| CIE LCh | 51, 41.404, 332.674 |
| Yxy | 19.4268, 0.3336, 0.2452 |
| Android (android.graphics.Color) | 4289225371 (0xFFA8629B) |
| YUV | 125.4280, 14.5790, 37.3356 |
| Hunter-Lab | 44.0758, 29.9146, -14.0314 |

Details

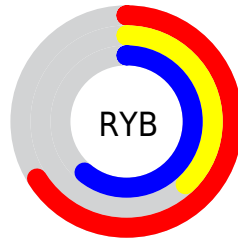
The XYZ color **26.4325, 19.4268, 33.3669** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9097, 31.7502, 20.0139**, and the grayscale version is **19.5847, 20.6046, 22.4384**.

A 20% lighter version of the original color is **53.2797, 42.3131, 66.3319**, and **10.4951, 6.6908, 13.8350** is the 20% darker color. If you saturate the color by 10%, you get **24.7639, 16.5033, 31.5346**, and if you desaturate by 10%, it is **28.4390, 23.0146, 35.3456**.

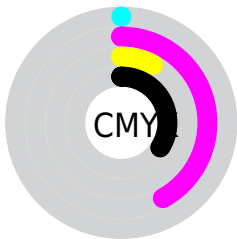
Distribution



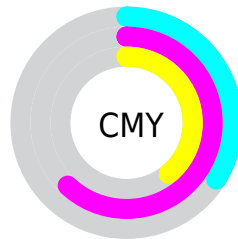
- Red (66%)
- Green (38%)
- Blue (61%)



- Red (66%)
- Yellow (38%)
- Blue (61%)



- Cyan (0%)
- Magenta (42%)
- Yellow (8%)
- Black (34%)





- Cyan (34%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4325, 19.4268, 33.3669 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 26.4325, 19.4268, 33.3669 by changing the saturation by 10% instead.


 26.4325, 19.4268,
33.3669


 26.4325, 19.4268,
33.3669


277.1167,
248.7949, 331.9823


 17.2819, 11.9791,
22.1342


 53.3982, 42.4541,
66.0705


 10.5322, 6.7294,
13.7563


 71.9440, 58.8024,
88.3786

 5.8182, 3.2935,
7.8146


 94.3521, 78.8864,
115.2155

 2.7744, 1.2868,
3.8905

 120.9881,
103.0904, 146.9999

 1.0356, 0.1309,
1.5654

152.2172,
131.7989, 184.1502

 0.0000, 0.0000,
0.2660

188.4047,

 0.0000, 0.0000,

165.3962, 227.0850

0.0000

229.9161,
204.2667, 276.2229

■ 26.4325, 19.4268,
33.3669

■ 26.4325, 19.4268,
33.3669

■ 24.7639, 16.5033,
31.5346

■ 28.4390, 23.0146,
35.3456

■ 23.4105, 14.1997,
29.8404

■ 30.8006, 27.3021,
37.4762

■ 22.3497, 12.4707,
28.2766


■ 33.5356, 32.3253,
39.7651


■ 21.5551, 11.2633,
26.8342


■ 36.6603, 38.1170,
42.2180


■ 20.9951, 10.5149,
25.5024


■ 40.1903, 44.7079,
44.8405

 20.6495, 10.1253,
24.4572

 44.1400, 52.1272,
47.6374

 48.5234, 60.4025,
50.6138

 53.3537, 69.5602,
53.7742

 58.6435, 79.6254,
57.1231

Harmonies

Analogous

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



23.0789, 19.4268, 46.5666



26.4325, 19.4268, 33.3669



27.5598, 19.4268, 20.1118

Triad

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



26.4325, 19.4268, 33.3669



18.0975, 19.4268, 5.6219



12.5680, 19.4268, 35.9129

Complementary

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



26.4325, 19.4268, 33.3669



21.9097, 31.7502, 20.0139

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.



11.6293, 19.4268, 22.2285



26.4325, 19.4268, 33.3669



14.5104, 19.4268, 7.2279

Square

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



26.4325, 19.4268, 33.3669



22.3442, 19.4268, 6.7229



12.2842, 19.4268, 12.3551



15.0623, 19.4268, 48.3805

Rectangle

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



26.4325, 19.4268, 33.3669



26.7791, 19.4268, 13.5581



12.2842, 19.4268, 12.3551



12.0783, 19.4268, 31.1566

Sweetspot

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



26.4331, 19.4277, 33.3673



60.5605, 58.1156, 71.9204



17.9711, 14.9323, 38.9811



13.0596, 12.4086, 15.5613



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.



26.4331, 19.4277, 33.3673



45.1433, 30.3036, 57.4632



23.9172, 18.4213, 20.1185



7.7813, 7.6424, 9.1653



15.6111, 7.6531, 18.5612



0.3949, 0.1922, 0.5308

Inverse Universe

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



26.4331, 19.4277, 33.3673



45.1433, 30.3036, 57.4632



24.2157, 32.6726, 32.1571



7.7813, 7.6424, 9.1653



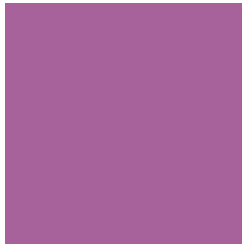
15.6111, 7.6531, 18.5612



0.3949, 0.1922, 0.5308

Previews

White Background



This preview shows how the XYZ color 26.4325, 19.4268, 33.3669 looks on a white background.

Color Contrast Check

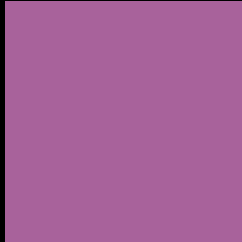
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4325, 19.4268, 33.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

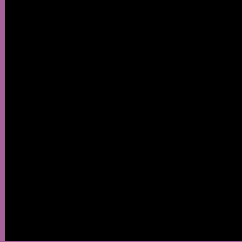
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4325, 19.4268, 33.3669

Background



This preview shows how black text looks on a background with the XYZ color 26.4325, 19.4268, 33.3669.



This preview shows how white text looks on a background with the XYZ color 26.4325, 19.4268,

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

26.4325, 19.4268, 33.3669

Protanopia

20.3472, 19.7791, 41.7751

Deuteranopia

20.0481, 19.6604, 32.0163



Tritanopia

23.2956, 19.3095, 18.4189

Trichromacy



Original Color

26.4325, 19.4268, 33.3669

Protanomaly

21.8413, 19.2306, 38.6371

Deuteranomaly

21.7782, 19.1737, 32.2588

Tritanomaly

24.3297, 19.2848, 23.2089

Monochromacy



Original Color

26.4325, 19.4268, 33.3669

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.5592, 19.7018, 25.9591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4325, 19.4268, 33.3669 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, 98, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 98, 155)  
}
```

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, 98, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 98, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.4325, 19.4268, 33.3669 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, 98, 155) }
```


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

```
.border{ border-color:rgb(168, 98, 155) }
```

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

Here you see how a box with a 4 pixel rgb(168, 98, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 98, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 98, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 98,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4325, 19.4268, 33.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 98, 155) }
```

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

```
.background{ background-color: rgb(168, 98,  
155) }
```

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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