

Converting Colors

XYZ(26.0275, 18.7235, 32.5916)

Have a look what the booklet for
XYZ(26.0275, 18.7235, 32.5916)
contains.

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Color

**XYZ(25.9009, 18.6301,
32.3678)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A85E99 |
| RGB | 168, 94, 153 |
| RGB Percent | 66%, 37%, 60% |
| CMY | 0.3412, 0.6314, 0.4000 |
| CMYK | 0.00, 0.44, 0.09, 0.34 |
| HSL | 312°, 30%, 51% |
| HSV | 312°, 44%, 66% |
| XYZ | 25.9009, 18.6301, 32.3678 |
| YIQ | 122.8520, 25.1650, 34.0370 |

Conversions

Conversions Part 2

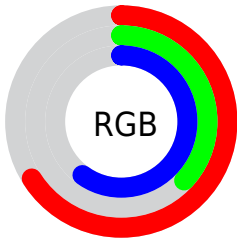
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 168, 94, 153 |
| Decimal | 11034265 |
| CIE _{Lab} | 50.25, 38.59, -19.25 |
| CIE _{LCh} | 50, 43.130, 333.488 |
| Yxy | 18.6301, 0.3368, 0.2423 |
| Android (android.graphics.Color) | 4289224345 (0xFFA85E99) |
| YUV | 122.8520, 14.8630, 39.5948 |
| Hunter-Lab | 43.1626, 31.5793, -14.2480 |

Details

The XYZ color **25.9009, 18.6301, 32.3678** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.3798, 31.4897, 19.4205**, and the grayscale version is **18.7253, 19.7005, 21.4538**.

A 20% lighter version of the original color is **52.5927, 41.0703, 64.1869**, and **10.2384, 6.3381, 13.2541** is the 20% darker color. If you saturate the color by 10%, you get **24.2892, 15.8502, 30.4626**, and if you desaturate by 10%, it is **27.8469, 22.0652, 34.4244**.

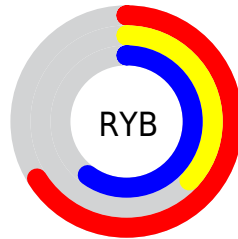
Distribution



Red (66%)

Green (37%)

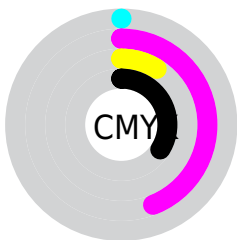
Blue (60%)



Red (66%)

Yellow (37%)

Blue (60%)

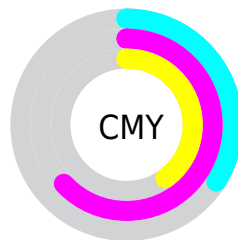


Cyan (0%)

Magenta (44%)

Yellow (9%)

Black (34%)



Cyan (34%)


Magenta (63%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9009, 18.6301, 32.3678 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 25.9009, 18.6301, 32.3678 by changing the saturation by 10% instead.

 25.9009, 18.6301,
32.3678


 25.9009, 18.6301,
32.3678


274.5609,
244.3990, 327.3355


 16.8818, 11.4033,
21.3754


 52.5475, 41.1081,
64.4918


 10.2450, 6.3388,
13.2048


 70.9057, 57.1281,
86.4606

 5.6252, 3.0522,
7.4373


 93.1076, 76.8480,
112.9252

 2.6570, 1.1590,
3.6545

 119.5186,
100.6521, 144.3043

 0.9751, 0.0279,
1.4378

150.5041,
128.9249, 181.0163

 0.0000, 0.0000,
0.1709

186.4294,

 0.0000, 0.0000,

162.0507, 223.4798

0.0000

227.6599,
200.4139, 272.1134

■ 25.9009, 18.6301,
32.3678

■ 25.9009, 18.6301,
32.3678

■ 24.2892, 15.8502,
30.4626

■ 27.8469, 22.0652,
34.4244

■ 22.9888, 13.6803,
28.7003

■ 30.1450, 26.1917,
36.6381

■ 21.9762, 12.0735,
27.0729


■ 32.8136, 31.0463,
39.0156


■ 21.2239, 10.9750,
25.5709


■ 35.8695, 36.6622,
41.5628

■ 20.6992, 10.3189,
24.1830

■ 39.3283, 43.0708,
44.2851

 20.4478, 10.0446,
23.3950

 43.2049, 50.3015,
47.1879

 47.5132, 58.3824,
50.2761

 52.2667, 67.3399,
53.5545

 57.4782, 77.1998,
57.0276

Harmonies

Analogous

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



22.5135, 18.6301, 46.1167



25.9009, 18.6301, 32.3678



26.9837, 18.6301, 18.9188

Triad

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



25.9009, 18.6301, 32.3678



17.2237, 18.6301, 4.9077



11.8235, 18.6301, 35.7883

Complementary

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



25.9009, 18.6301, 32.3678



21.3798, 31.4897, 19.4205

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.



10.8456, 18.6301, 21.7154



25.9009, 18.6301, 32.3678



13.6391, 18.6301, 6.5227

Square

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



25.9009, 18.6301, 32.3678



21.5356, 18.6301, 5.8883



11.4544, 18.6301, 11.6598



14.3620, 18.6301, 48.5764

Rectangle

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



25.9009, 18.6301, 32.3678



26.1321, 18.6301, 12.4360



11.4544, 18.6301, 11.6598



11.3211, 18.6301, 30.8904

Sweetspot

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



25.9015, 18.6310, 32.3682



59.9655, 57.1077, 71.1603



17.3535, 14.0720, 38.8477



12.8297, 12.0078, 15.3027



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.



25.9015, 18.6310, 32.3682



44.0951, 28.7949, 55.3026



23.3159, 17.5967, 18.7526



7.7758, 7.6402, 9.1364



15.4598, 7.5926, 17.7648



0.3922, 0.1912, 0.5169

Inverse Universe

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



25.9015, 18.6310, 32.3682



44.0951, 28.7949, 55.3026



23.7922, 32.4546, 32.1237



7.7758, 7.6402, 9.1364



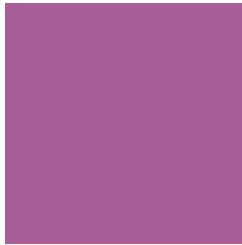
15.4598, 7.5926, 17.7648



0.3922, 0.1912, 0.5169

Previews

White Background



This preview shows how the XYZ color 25.9009, 18.6301, 32.3678 looks on a white background.

Color Contrast Check

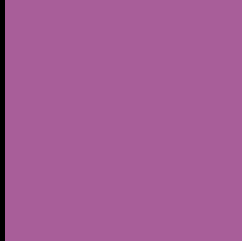
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9009, 18.6301, 32.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

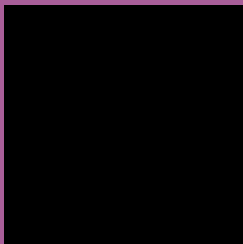
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9009, 18.6301, 32.3678

Background



This preview shows how black text looks on a background with the XYZ color 25.9009, 18.6301, 32.3678.



This preview shows how white text looks on a background with the XYZ color 25.9009, 18.6301,

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

25.9009, 18.6301, 32.3678

Protanopia

19.4226, 18.7807, 41.1294

Deuteranopia

19.2394, 18.9087, 31.0695



Tritanopia

22.8237, 18.6347, 17.4328

Trichromacy



Original Color

25.9009, 18.6301, 32.3678

Protanomaly

20.9219, 18.1296, 37.5186

Deuteranomaly

21.1270, 18.3735, 31.2871

Tritanomaly

23.8401, 18.6200, 22.0762

Monochromacy



Original Color

25.9009, 18.6301, 32.3678

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.7447, 18.7985, 25.0894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9009, 18.6301, 32.3678 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, 94, 153)` looks like.

```
.text, #text, p{  
    color:rgb(168, 94, 153)  
}
```

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, 94, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 94, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.9009, 18.6301, 32.3678 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, 94, 153) }
```


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

```
.border{ border-color:rgb(168, 94, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 94, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 94, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 94, 153);  
box-shadow:4px 4px 4px 4px rgb(168, 94,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9009, 18.6301, 32.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 94, 153) }
```

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

```
.background{ background-color: rgb(168, 94,  
153) }
```

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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