

Converting Colors

XYZ(25.0803, 14.9735, 29.8226)

Have a look what the booklet for
XYZ(25.0803, 14.9735, 29.8226)
contains.

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Color

**XYZ(25.1068, 14.9550,
29.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	B03F95
RGB	176, 63, 149
RGB Percent	69%, 25%, 58%
CMY	0.3098, 0.7529, 0.4157
CMYK	0.00, 0.64, 0.15, 0.31
HSL	314°, 47%, 47%
HSV	314°, 64%, 69%
XYZ	25.1068, 14.9550, 29.9971
YIQ	106.5910, 39.7420, 50.7020

Conversions

Conversions Part 2

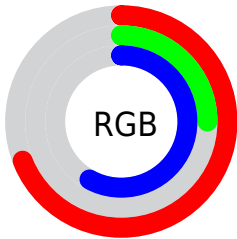
Format	Color
R _Y B	176, 63, 149
Decimal	11550613
CIE Lab	45.57, 55.42, -23.98
CIE LCh	46, 60.381, 336.602
Yxy	14.9550, 0.3584, 0.2135
Android (android.graphics.Color)	4289740693 (0xFFB03F95)
YUV	106.5910, 20.9076, 60.8717
Hunter-Lab	38.6717, 48.2120, -18.9202

Details

The XYZ color **25.1068, 14.9550, 29.9971** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19.4214, 32.8461, 14.9904**, and the grayscale version is **13.7992, 14.5178, 15.8099**.

A 20% lighter version of the original color is **51.1896, 34.7611, 60.5115**, and **9.9503, 4.8749, 11.9718** is the 20% darker color. If you saturate the color by 10%, you get **23.9536, 13.1760, 27.9859**, and if you desaturate by 10%, it is **26.5846, 17.3633, 32.1765**.

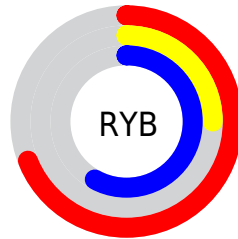
Distribution



Red (69%)

Green (25%)

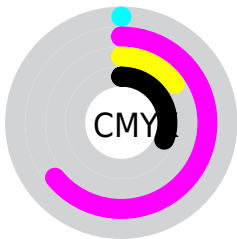
Blue (58%)



Red (69%)

Yellow (25%)

Blue (58%)

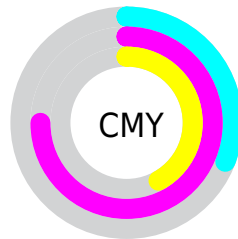


Cyan (0%)

Magenta (64%)

Yellow (15%)

Black (31%)



Cyan (31%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1068, 14.9550, 29.9971 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 25.1068, 14.9550, 29.9971 by changing the saturation by 10% instead.

■ 25.1068, 14.9550,
29.9971

■ 25.1068, 14.9550,
29.9971

270.7072,
223.0937, 316.0978

■ 16.2858, 8.7878,
19.5844

■ 51.2721, 34.7742,
60.7185

■ 9.8187, 4.6030,
11.9122

■ 69.3471, 49.1950,
81.8643

■ 5.3403, 2.0163,
6.5621

■ 91.2374, 67.1358,
107.4249

■ 2.4851, 0.6169,
3.1155

■ 117.3085, 88.9811,
137.8187

■ 0.8877, 0.0000,
1.1539

■ 147.9257,
115.1150, 173.4644

■ 0.0000, 0.0000,
0.0000

183.4543,

145.9222, 214.7804

224.2597,
181.7870, 262.1854

■ 25.1068, 14.9550,
29.9971

■ 25.1068, 14.9550,
29.9971

■ 23.9536, 13.1760,
27.9859

■ 26.5846, 17.3633,
32.1765

■ 23.0925, 11.9624,
26.1313

■ 28.4126, 20.4525,
34.5330

■ 22.4867, 11.2402,
24.4202

■ 30.6152, 24.2712,
37.0754

■ 22.2039, 10.9499,
23.4775

■ 33.2145, 28.8632,
39.8117

■ 36.2305, 34.2686,
42.7491

■ 39.6822, 40.5248,
45.8945

■ 43.5870, 47.6668,
49.2544

■ 47.9617, 55.7278,
52.8348

■ 52.8220, 64.7392,
56.6416

Harmonies

Analogous

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



20.8192, 14.9550, 50.3244



25.1068, 14.9550, 29.9971



26.1938, 14.9550, 13.2932

Triad

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



25.1068, 14.9550, 29.9971



13.1278, 14.9550, 1.3403



7.7617, 14.9550, 39.1040

Complementary

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



25.1068, 14.9550, 29.9971



19.4214, 32.8461, 14.9904

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.



6.5909, 14.9550, 19.6915



25.1068, 14.9550, 29.9971



9.1788, 14.9550, 2.6126

Square

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



25.1068, 14.9550, 29.9971



18.4255, 14.9550, 1.7783



7.0401, 14.9550, 7.5542



10.6992, 14.9550, 57.4112

Rectangle

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



25.1068, 14.9550, 29.9971



24.7733, 14.9550, 6.7414



7.0401, 14.9550, 7.5542



7.1846, 14.9550, 32.1633

Sweetspot

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



25.1073, 14.9557, 29.9974



62.8065, 56.9327, 74.7523



13.7699, 8.8325, 42.0537



13.2870, 11.7584, 15.8807



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.1073, 14.9557, 29.9974



42.7352, 22.8666, 49.3289



21.6643, 13.5785, 11.8670



8.7615, 8.6113, 10.2424



16.3150, 8.0435, 17.3504



0.5344, 0.2615, 0.6568

Inverse Universe

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



25.1073, 14.9557, 29.9974



42.7352, 22.8666, 49.3289



22.7538, 34.1791, 32.5385



8.7615, 8.6113, 10.2424



16.3150, 8.0435, 17.3504



0.5344, 0.2615, 0.6568

Previews

White Background



This preview shows how the XYZ color 25.1068, 14.9550, 29.9971 looks on a white background.

Color Contrast Check

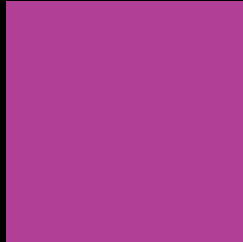
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1068, 14.9550, 29.9971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

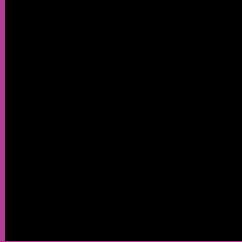
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1068, 14.9550, 29.9971

Background



This preview shows how black text looks on a background with the XYZ color 25.1068, 14.9550, 29.9971.



This preview shows how white text looks on a background with the XYZ color 25.1068, 14.9550,

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

25.1068, 14.9550, 29.9971

Protanopia

16.7074, 15.2646, 47.4132

Deuteranopia

15.5070, 15.2351, 27.7145



Tritanopia

21.1259, 14.9553, 10.5773

Trichromacy



Original Color

25.1068, 14.9550, 29.9971

Protanomaly

17.6889, 13.6973, 40.2396

Deuteranomaly

17.7540, 14.1157, 28.5769

Tritanomaly

22.2224, 14.7723, 16.1481

Monochromacy



Original Color

25.1068, 14.9550, 29.9971

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.7697, 13.7928, 20.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1068, 14.9550, 29.9971 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(176, 63, 149)` looks like.

```
.text, #text, p{  
    color:rgb(176, 63, 149)  
}
```

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(176, 63, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 63, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.1068, 14.9550, 29.9971 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(176, 63, 149) }
```


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

```
.border{ border-color:rgb(176, 63, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 63, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 63, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 63, 149);  
box-shadow:4px 4px 4px 4px rgb(176, 63,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1068, 14.9550, 29.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 63, 149) }
```

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

```
.background{ background-color: rgb(176, 63,  
149) }
```

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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