

Converting Colors

XYZ(26.1036, 15.0637, 63.8191)

Have a look what the booklet for
XYZ(26.1036, 15.0637, 63.8191)
contains.

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Color

**XYZ(26.1036, 15.0637,
63.8191)**

Conversions

Conversions Part 1

Format	Color
Hex	9443D4
RGB	148, 67, 212
RGB Percent	58%, 26%, 83%
CMY	0.4196, 0.7372, 0.1686
CMYK	0.30, 0.68, 0.00, 0.17
HSL	274°, 63%, 55%
HSV	274°, 68%, 83%
XYZ	26.1036, 15.0637, 63.8191
YIQ	107.7490, 1.7310, 62.2670

Conversions

Conversions Part 2

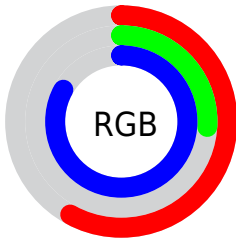
Format	Color
RYB	148, 67, 212
Decimal	9716692
CIELab	45.72, 58.97, -60.96
CIELCh	46, 84.812, 314.047
Yxy	15.0637, 0.2486, 0.1435
Android (android.graphics.Color)	4287906772 (0xFF9443D4)
YUV	107.7490, 51.3957, 35.3001
Hunter-Lab	38.8120, 52.1320, -70.3230

Details

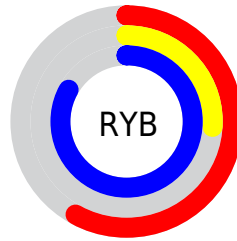
The XYZ color **26.1036, 15.0637, 63.8191** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **33.9167, 52.3177, 13.6213**, and the grayscale version is **14.0449, 14.7764, 16.0915**.

A 20% lighter version of the original color is **50.3410, 34.0166, 98.5203**, and **10.3260, 4.6462, 31.8050** is the 20% darker color. If you saturate the color by 10%, you get **23.4415, 12.1506, 63.3974**, and if you desaturate by 10%, it is **29.3651, 18.9705, 64.4016**.

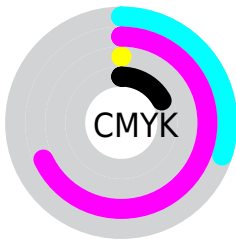
Distribution



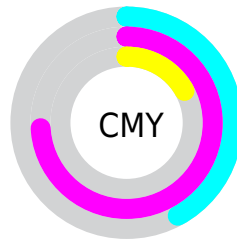
- Red (58%)
- Green (26%)
- Blue (83%)



- Red (58%)
- Yellow (26%)
- Blue (83%)



- Cyan (30%)
- Magenta (68%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (74%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1036, 15.0637, 63.8191 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 26.1036, 15.0637, 63.8191 by changing the saturation by 10% instead.

■ 26.1036, 15.0637,
63.8191

■ 26.1036, 15.0637,
63.8191

275.5377,
223.7515, 456.7256

■ 17.0342, 8.8641,
46.0589

■ 52.8721, 34.9649,
111.9473

■ 10.3544, 4.6526,
31.9433

■ 71.3020, 49.4353,
143.1525

■ 5.6986, 2.0449,
21.0538

■ 93.5828, 67.4314,
179.6763

■ 2.7016, 0.6334,
12.9717

■ 120.0799, 89.3376,
221.9375

■ 0.9980, 0.0000,
7.2785

■ 151.1585,
115.5383, 270.3544

■ 0.0000, 0.0000,
3.5558

187.1841,

■ 0.0000, 0.0000,

146.4179, 325.3457

1.3850

228.5221,
182.3608, 387.3300

■ 0.0000, 0.0000,
0.1300

■ 0.0000, 0.0000,
0.0000

■ 26.1036, 15.0637,
63.8191

■ 26.1036, 15.0637,
63.8191

■ 23.4415, 12.1506,
63.3974

■ 29.3651, 18.9705,
64.4016

■ 21.3202, 10.1217,
63.1176

■ 33.2720, 23.9615,
65.1590

■ 19.6570, 8.8156,
62.9532

■ 37.8679, 30.1182,
66.1052

■ 19.4136, 8.6353,
62.9312

■ 43.1916, 37.5138,
67.2521

■ 49.2787, 46.2154,
68.6108

■ 56.1622, 56.2851,
70.1917

■ 63.8732, 67.7809,
72.0042

■ 72.4409, 80.7575,
74.0573

■ 80.9926, 93.4654,
76.0595

Harmonies

Analogous

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



17.9050, 15.0637, 91.4383



26.1036, 15.0637, 63.8191



31.9311, 15.0637, 29.7136

Triad

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



26.1036, 15.0637, 63.8191



18.4205, 15.0637, 0.0000



4.7186, 15.0637, 27.8802

Complementary

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



26.1036, 15.0637, 63.8191



33.9167, 52.3177, 13.6213

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.



4.7751, 15.0637, 7.8120



26.1036, 15.0637, 63.8191



11.2446, 15.0637, 0.0000

Square

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



26.1036, 15.0637, 63.8191



26.5872, 15.0637, 1.4541



6.7517, 15.0637, 1.2783



6.5584, 15.0637, 61.5644

Rectangle

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



26.1036, 15.0637, 63.8191



32.7804, 15.0637, 13.7869



6.7517, 15.0637, 1.2783



4.5418, 15.0637, 19.3281

Sweetspot

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



26.1043, 15.0642, 63.8195



72.1146, 66.2531, 103.5950



22.4840, 22.5176, 65.4489



14.8779, 13.3822, 22.0488



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.1043, 15.0642, 63.8195



34.0681, 16.9222, 96.0785



40.1481, 22.4074, 59.8088



12.3995, 12.3474, 15.6673



12.1018, 5.3912, 38.8559



0.8244, 0.3739, 2.3480

Inverse Universe

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



33.2555, 19.6503, 23.5127



46.8143, 25.0467, 26.4839



27.1030, 48.7784, 14.5099



12.6487, 12.5110, 14.0902



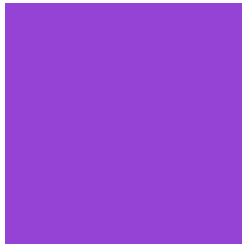
18.0459, 9.1547, 7.5458



1.1297, 0.5687, 0.6723

Previews

White Background



This preview shows how the XYZ color 26.1036, 15.0637, 63.8191 looks on a white background.

Color Contrast Check

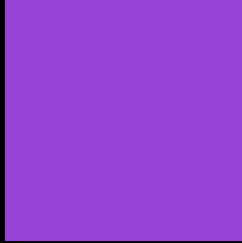
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1036, 15.0637, 63.8191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

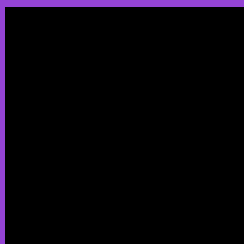
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1036, 15.0637, 63.8191

Background



This preview shows how black text looks on a background with the XYZ color 26.1036, 15.0637, 63.8191.



This preview shows how white text looks on a background with the XYZ color 26.1036, 15.0637,

63.8191.

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

26.1036, 15.0637, 63.8191

Protanopia

18.2364, 15.3771, 71.1142

Deuteranopia

15.4220, 15.2639, 53.1723



Tritanopia

16.4137, 15.0572, 16.2286

Trichromacy



Original Color

26.1036, 15.0637, 63.8191



Protanomaly

17.9173, 13.3284, 67.9580



Deuteranomaly

16.1561, 13.1857, 56.9519



Tritanomaly

18.9140, 14.4543, 28.9872

Monochromacy



Original Color

26.1036, 15.0637, 63.8191



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

17.2710, 14.1150, 29.0083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1036, 15.0637, 63.8191 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(148, 67, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 67, 212)  
}
```

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(148, 67, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 67, 212) }
```

Border

The CSS property to change the border of an element to XYZ 26.1036, 15.0637, 63.8191 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(148, 67, 212) }
```


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

```
.border{ border-color:rgb(148, 67, 212) }
```

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

Here you see how a box with a 4 pixel rgb(148, 67, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 67, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 67, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 67,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1036, 15.0637, 63.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 67, 212) }
```

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

```
.background{ background-color: rgb(148, 67,  
212) }
```

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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