

Converting Colors

XYZ(25.1741, 16.7743, 50.9346)

Have a look what the booklet for
XYZ(25.1741, 16.7743, 50.9346)
contains.

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Color

**XYZ(25.2301, 16.7426,
51.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	9655BF
RGB	150, 85, 191
RGB Percent	59%, 33%, 75%
CMY	0.4118, 0.6667, 0.2510
CMYK	0.21, 0.55, 0.00, 0.25
HSL	277°, 45%, 54%
HSV	277°, 55%, 75%
XYZ	25.2301, 16.7426, 51.1921
YIQ	116.5190, 4.7140, 46.7460

Conversions

Conversions Part 2

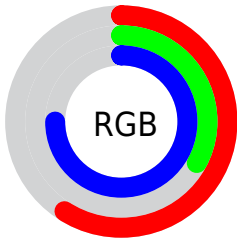
Format	Color
R_{YB}	150, 85, 191
Decimal	9852351
CIE _{Lab}	47.93, 45.76, -45.29
CIE _{LCh}	48, 64.381, 315.299
Yxy	16.7426, 0.2708, 0.1797
Android (android.graphics.Color)	4288042431 (0xFF9655BF)
YUV	116.5190, 36.7191, 29.3628
Hunter-Lab	40.9177, 38.4581, -45.5352

Details

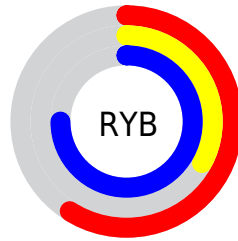
The XYZ color **25.2301, 16.7426, 51.1921** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **28.8751, 42.3535, 15.2481**, and the grayscale version is **16.6500, 17.5171, 19.0761**.

A 20% lighter version of the original color is **51.3425, 37.7904, 93.3952**, and **9.9113, 5.4370, 24.1940** is the 20% darker color. If you saturate the color by 10%, you get **22.6076, 13.4520, 50.6955**, and if you desaturate by 10%, it is **28.3455, 20.8903, 51.8288**.

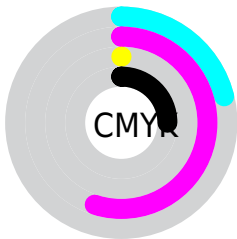
Distribution



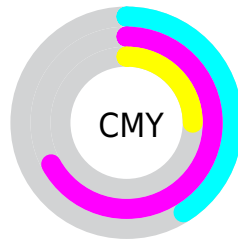
- Red (59%)
- Green (33%)
- Blue (75%)



- Red (59%)
- Yellow (33%)
- Blue (75%)



- Cyan (21%)
- Magenta (55%)
- Yellow (0%)
- Black (25%)





- Cyan (41%)
- Magenta (67%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2301, 16.7426, 51.1921 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 25.2301, 16.7426, 51.1921 by changing the saturation by 10% instead.


 25.2301, 16.7426,
51.1921

 25.2301, 16.7426,
51.1921


271.3085,
233.6847, 408.1775


 16.3782, 10.0511,
35.9837


 51.4705, 37.8827,
93.3531


 9.8847, 5.4329,
24.1320


 69.5897, 53.1001,
121.1428

 5.3843, 2.5034,
15.2185


 91.5287, 71.9283,
153.9633

 2.5115, 0.8783,
8.8245

 117.6529, 94.7516,
192.2332

 0.9011, 0.0000,
4.5317

 148.3276,
121.9546, 236.3710

 0.0000, 0.0000,
1.9213

183.9182,

 0.0000, 0.0000,

153.9214, 286.7953

0.5062

224.7900,
191.0367, 343.9247

■ 0.0000, 0.0000,
0.0000

■ 25.2301, 16.7426,
51.1921

■ 25.2301, 16.7426,
51.1921

■ 22.6076, 13.4520,
50.6955

■ 28.3455, 20.8903,
51.8288

■ 20.4408, 10.9486,
50.3265

■ 31.9829, 25.9534,
52.6143

■ 18.6901, 9.1548,
50.0725

■ 36.1716, 31.9872,
53.5582

■ 17.3059, 7.9738,
49.9175

■ 40.9378, 39.0421,
54.6687

■ 16.7568, 7.5521,
49.8650

■ 46.3059, 47.1649,
55.9537

■ 52.2989, 56.3994,
57.4202

■ 58.9384, 66.7868,
59.0753

■ 66.2450, 78.3666,
60.9253

■ 73.6282, 89.9554,
62.7730

Harmonies

Analogous

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



19.0413, 16.7426, 69.6555



25.2301, 16.7426, 51.1921



29.3227, 16.7426, 27.5965

Triad

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



25.2301, 16.7426, 51.1921



18.9148, 16.7426, 1.5012



7.3976, 16.7426, 28.0235

Complementary

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



25.2301, 16.7426, 51.1921



28.8751, 42.3535, 15.2481

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.



7.3795, 16.7426, 11.2660



25.2301, 16.7426, 51.1921



13.1482, 16.7426, 1.5176

Square

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



25.2301, 16.7426, 51.1921



25.1183, 16.7426, 3.6470



9.2294, 16.7426, 3.7283



9.2868, 16.7426, 51.6630

Rectangle

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



25.2301, 16.7426, 51.1921



29.8024, 16.7426, 15.4361



9.2294, 16.7426, 3.7283



7.1910, 16.7426, 21.3418

Sweetspot

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



25.2308, 16.7433, 51.1925



71.7285, 67.5468, 97.5365



20.7920, 20.9758, 52.2434



15.3595, 14.2502, 21.3263



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.2308, 16.7433, 51.1925



39.4196, 22.8132, 90.6049



33.0138, 20.8855, 45.6857



9.5629, 9.5070, 12.0032



11.1045, 5.0106, 32.7748



0.5061, 0.2329, 1.2871

Inverse Universe

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



28.5007, 19.0803, 21.9199



46.6375, 27.8829, 30.0063



24.4706, 40.0305, 17.4076



9.6788, 9.5958, 10.6976



14.9666, 7.6178, 5.1178



0.6185, 0.3113, 0.3701

Previews

White Background



This preview shows how the XYZ color 25.2301, 16.7426, 51.1921 looks on a white background.

Color Contrast Check

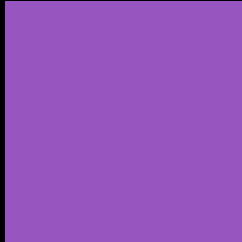
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2301, 16.7426, 51.1921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

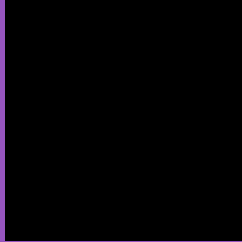
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2301, 16.7426, 51.1921

Background



This preview shows how black text looks on a background with the XYZ color 25.2301, 16.7426, 51.1921.

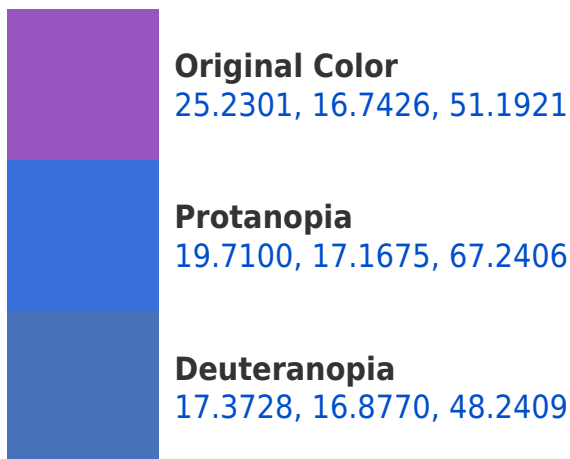


This preview shows how white text looks on a background with the XYZ color 25.2301, 16.7426,

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





Tritanopia

18.3487, 16.6138, 17.8625

Trichromacy



Original Color

25.2301, 16.7426, 51.1921

Protanomaly

20.2303, 16.1814, 61.0886

Deuteranomaly

19.0754, 15.9977, 49.0962

Tritanomaly

20.3307, 16.4092, 27.2951

Monochromacy



Original Color

25.2301, 16.7426, 51.1921

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.1389, 16.7839, 28.6164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2301, 16.7426, 51.1921 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(150, 85, 191)` looks like.

```
.text, #text, p{  
    color:rgb(150, 85, 191)  
}
```

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(150, 85, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 85, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.2301, 16.7426, 51.1921 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(150, 85, 191) }
```


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

```
.border{ border-color:rgb(150, 85, 191) }
```

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

Here you see how a box with a 4 pixel rgb(150, 85, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 85, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 85, 191);  
box-shadow:4px 4px 4px 4px rgb(150, 85,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2301, 16.7426, 51.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 85, 191) }
```

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

```
.background{ background-color: rgb(150, 85,  
191) }
```

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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