

Converting Colors

XYZ(25.2274, 18.5678, 46.0780)

Have a look what the booklet for
XYZ(25.2274, 18.5678, 46.0780)
contains.

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Color

**XYZ(25.1026, 18.4611,
45.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	9562B5
RGB	149, 98, 181
RGB Percent	58%, 38%, 71%
CMY	0.4157, 0.6157, 0.2902
CMYK	0.18, 0.46, 0.00, 0.29
HSL	277°, 36%, 55%
HSV	277°, 46%, 71%
XYZ	25.1026, 18.4611, 45.9564
YIQ	122.7110, 3.7530, 36.6250

Conversions

Conversions Part 2

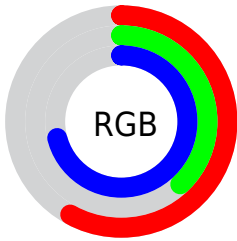
Format	Color
R_{YB}	149, 98, 181
Decimal	9790133
CIE _{Lab}	50.05, 36.10, -36.14
CIE _{LCh}	50, 51.080, 314.963
Yxy	18.4611, 0.2804, 0.2062
Android (android.graphics.Color)	4287980213 (0xFF9562B5)
YUV	122.7110, 28.7365, 23.0555
Hunter-Lab	42.9664, 29.0953, -33.3395

Details

The XYZ color **25.1026, 18.4611, 45.9564** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **27.9349, 38.6759, 17.5488**, and the grayscale version is **18.6398, 19.6106, 21.3559**.

A 20% lighter version of the original color is **51.3692, 40.9063, 85.3090**, and **9.8185, 6.2419, 21.1094** is the 20% darker color. If you saturate the color by 10%, you get **22.3615, 14.8122, 45.3969**, and if you desaturate by 10%, it is **28.3043, 22.9167, 46.6480**.

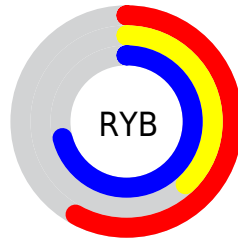
Distribution



Red (58%)

Green (38%)

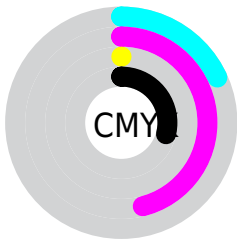
Blue (71%)



Red (58%)

Yellow (38%)

Blue (71%)

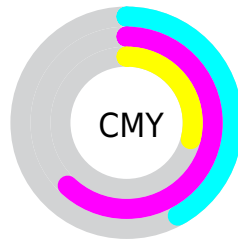


Cyan (18%)

Magenta (46%)

Yellow (0%)

Black (29%)



Cyan (42%)


Magenta (62%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1026, 18.4611, 45.9564 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 25.1026, 18.4611, 45.9564 by changing the saturation by 10% instead.


 25.1026, 18.4611,
45.9564

 25.1026, 18.4611,
45.9564

270.6867,
243.4573, 386.9058


 16.2827, 11.2815,
31.8630


 51.2653, 40.8215,
85.4873


 9.8165, 6.2565,
20.9929


 69.3388, 56.7711,
111.7620

 5.3388, 3.0017,
12.9276


 91.2275, 76.4128,
142.9341

 2.4842, 1.1326,
7.2486

 117.2968,
100.1311, 179.4222

 0.8873, 0.0056,
3.5373

147.9120,
128.3103, 221.6449

 0.0000, 0.0000,
1.3751

183.4385,

 0.0000, 0.0000,

161.3348, 270.0207

0.1222

224.2416,
199.5890, 324.9682

■ 0.0000, 0.0000,
0.0000

■ 25.1026, 18.4611,
45.9564

■ 25.1026, 18.4611,
45.9564

■ 22.3615, 14.8122,
45.3969

■ 28.3043, 22.9167,
46.6480

■ 20.0515, 11.9147,
44.9593

■ 31.9895, 28.2247,
47.4783

■ 18.1424, 9.7099,
44.6344

■ 36.1819, 34.4302,
48.4551

■ 16.5988, 8.1289,
44.4106

■ 40.9030, 41.5742,
49.5852

■ 15.3758, 7.0839,
44.2733

■ 46.1730, 49.6952,
50.8750

■ 14.9236, 6.7299,
44.2288

■ 52.0109, 58.8295,
52.3304

■ 58.4347, 69.0117,
53.9572

■ 65.4617, 80.2744,
55.7607

■ 71.1961, 88.8245,
57.1088

Harmonies

Analogous

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



20.0999, 18.4611, 59.1918



25.1026, 18.4611, 45.9564



28.3396, 18.4611, 27.9671

Triad

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



25.1026, 18.4611, 45.9564



20.1129, 18.4611, 3.6605



9.9126, 18.4611, 27.9246

Complementary

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



25.1026, 18.4611, 45.9564



27.9349, 38.6759, 17.5488

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.



9.9147, 18.4611, 13.8683



25.1026, 18.4611, 45.9564



15.2195, 18.4611, 3.6576

Square

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



25.1026, 18.4611, 45.9564



25.1137, 18.4611, 6.4055



11.6832, 18.4611, 6.3939



11.6765, 18.4611, 45.9131

Rectangle

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



25.1026, 18.4611, 45.9564



28.7379, 18.4611, 17.8507



11.6832, 18.4611, 6.3939



9.7192, 18.4611, 22.5328

Sweetspot

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



25.1033, 18.4619, 45.9568



66.1060, 63.6214, 87.0906



21.5213, 22.2199, 46.8710



13.9187, 13.1975, 18.7360



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.1033, 18.4619, 45.9568



40.0199, 26.4909, 81.2986



30.9381, 21.5653, 41.9155



8.5264, 8.4799, 10.6937



10.3672, 4.6803, 30.4940



0.3890, 0.1796, 0.9624

Inverse Universe

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



27.4535, 20.1715, 23.5662



45.1818, 30.1910, 34.5957



24.1786, 36.6917, 19.5262



8.6275, 8.5577, 9.5366



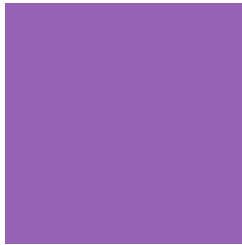
13.9260, 7.0879, 4.7701



0.4672, 0.2346, 0.3030

Previews

White Background



This preview shows how the XYZ color 25.1026, 18.4611, 45.9564 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 25.1026, 18.4611, 45.9564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

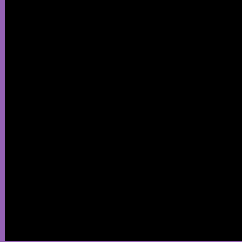
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1026, 18.4611, 45.9564

Background



This preview shows how black text looks on a background with the XYZ color 25.1026, 18.4611, 45.9564.



This preview shows how white text looks on a background with the XYZ color 25.1026, 18.4611,

45.9564.

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

25.1026, 18.4611, 45.9564

Protanopia

20.3921, 18.7782, 55.9759

Deuteranopia

19.1487, 18.7477, 44.2044



Tritanopia

19.8928, 18.4578, 20.6034

Trichromacy



Original Color

25.1026, 18.4611, 45.9564

Protanomaly

21.3970, 18.2088, 52.2561

Deuteranomaly

20.6598, 18.1606, 44.5359

Tritanomaly

21.5433, 18.3382, 28.3908

Monochromacy



Original Color

25.1026, 18.4611, 45.9564

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.5671, 18.9538, 28.9600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1026, 18.4611, 45.9564 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(149, 98, 181)` looks like.

```
.text, #text, p{  
    color:rgb(149, 98, 181)  
}
```

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(149, 98, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 98, 181) }
```

Border

The CSS property to change the border of an element to XYZ 25.1026, 18.4611, 45.9564 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(149, 98, 181) }
```


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

```
.border{ border-color:rgb(149, 98, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 98, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 98, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 98, 181);  
box-shadow:4px 4px 4px 4px rgb(149, 98,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1026, 18.4611, 45.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 98, 181) }
```

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

```
.background{ background-color: rgb(149, 98,  
181) }
```

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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