

Converting Colors

XYZ(25.1912, 14.1772, 63.1539)

Have a look what the booklet for
XYZ(25.1912, 14.1772, 63.1539)
contains.

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Color

**XYZ(25.1576, 14.1681,
63.0368)**

Conversions

Conversions Part 1	
Format	Color
Hex	913ED3
RGB	145, 62, 211
RGB Percent	57%, 24%, 83%
CMY	0.4314, 0.7569, 0.1725
CMYK	0.31, 0.71, 0.00, 0.17
HSL	273°, 63%, 54%
HSV	273°, 71%, 83%
XYZ	25.1576, 14.1681, 63.0368
YIQ	103.8030, 1.6390, 63.9350

Conversions

Conversions Part 2

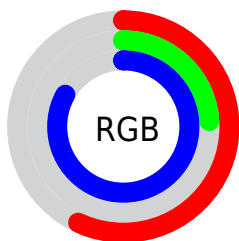
Format	Color
RYB	145, 62, 211
Decimal	9518803
CIELab	44.47, 60.37, -62.43
CIELCh	44, 86.843, 314.042
Yxy	14.1681, 0.2458, 0.1384
Android (android.graphics.Color)	4287708883 (0xFF913ED3)
YUV	103.8030, 52.8481, 36.1298
Hunter-Lab	37.6405, 53.4321, -72.9449

Details

The XYZ color **25.1576, 14.1681, 63.0368** 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 **33.0657, 51.5256, 12.7603**, and the grayscale version is **12.9692, 13.6446, 14.8590**.

A 20% lighter version of the original color is **48.9240, 32.4073, 98.2844**, and **9.9409, 4.4413, 31.3437** is the 20% darker color. If you saturate the color by 10%, you get **22.6453, 11.4878, 62.6522**, and if you desaturate by 10%, it is **28.2520, 17.8095, 63.5769**.

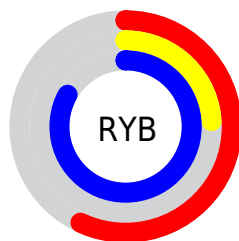
Distribution



Red (57%)

Green (24%)

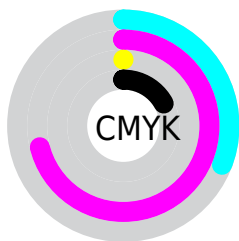
Blue (83%)



Red (57%)

Yellow (24%)

Blue (83%)

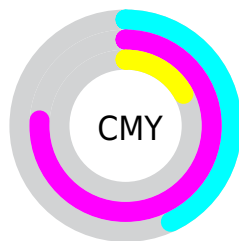


Cyan (31%)

Magenta (71%)

Yellow (0%)

Black (17%)



Cyan (43%)


Magenta (76%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1576, 14.1681, 63.0368 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 25.1576, 14.1681, 63.0368 by changing the saturation by 10% instead.

 25.1576, 14.1681,
63.0368

 25.1576, 14.1681,
63.0368

270.9551,
218.2741, 453.8147


 16.3239, 8.2377,
45.4298

 51.3538, 33.3870,
110.8087

 9.8459, 4.2474,
31.4507

 69.4470, 47.4443,
141.8106


 5.3584, 1.8129,
20.6809


 91.3575, 64.9793,
178.1147

 2.4959, 0.4952,
12.7020

 117.4504, 86.3764,
220.1393

 0.8932, 0.0000,
7.0954

 148.0913,
112.0200, 268.3031

 0.0000, 0.0000,
3.4425


183.6455,

 0.0000, 0.0000,


142.2946, 323.0245


1.3248

224.4783,
177.5845, 384.7222


 0.0000, 0.0000,
0.0820

 0.0000, 0.0000,
0.0000

 25.1576, 14.1681,
63.0368


 25.1576, 14.1681,
63.0368


 22.6453, 11.4878,
62.6522

 28.2520, 17.8095,
63.5769


 20.6548, 9.6558,
62.4035

 31.9756, 22.5045,
64.2868


 19.1670, 8.5227,
62.2631


 36.3725, 28.3357,
65.1806


 41.4818, 35.3772,
66.2705

 47.3394, 43.6963,
67.5675

 53.9786, 53.3556,
69.0820

 61.4304, 64.4132,
70.8236

 69.7242, 76.9239,
72.8012

 78.8878, 90.9394,
75.0235

Harmonies

Analogous

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



17.0031, 14.1681, 91.1768



25.1576, 14.1681, 63.0368



30.9951, 14.1681, 28.6370

Triad

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



25.1576, 14.1681, 63.0368



17.5162, 14.1681, 0.0000



4.1746, 14.1681, 26.7965

Complementary

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



25.1576, 14.1681, 63.0368



33.0657, 51.5256, 12.7603

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.



4.2282, 14.1681, 7.0702



25.1576, 14.1681, 63.0368



10.4576, 14.1681, 0.0000

Square

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



25.1576, 14.1681, 63.0368



25.6436, 14.1681, 1.1509



6.1094, 14.1681, 0.9968



5.9233, 14.1681, 60.7348

Rectangle

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



25.1576, 14.1681, 63.0368



31.8487, 14.1681, 12.8662



6.1094, 14.1681, 0.9968



4.0080, 14.1681, 18.3061

Sweetspot

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



25.1583, 14.1686, 63.0371



72.0874, 66.2391, 103.5937



21.6016, 21.4412, 64.6284



14.8714, 13.3789, 22.0485



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.



25.1583, 14.1686, 63.0371



33.0480, 15.9926, 95.9528



39.4320, 21.6324, 58.9417



11.7845, 11.7377, 14.8882



11.6868, 5.2051, 37.5812



0.7439, 0.3377, 2.1055

Inverse Universe

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



32.4829, 18.8528, 22.3483



46.2621, 24.3907, 24.9176



26.3693, 48.0482, 13.5883



12.0232, 11.8940, 13.3979



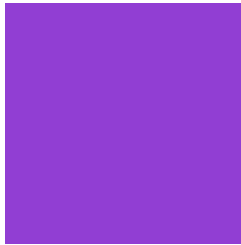
17.4669, 8.8596, 7.3649



1.0163, 0.5112, 0.6205

Previews

White Background



This preview shows how the XYZ color 25.1576, 14.1681, 63.0368 looks on a white background.

Color Contrast Check

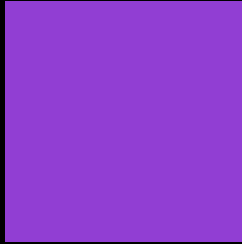
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1576, 14.1681, 63.0368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

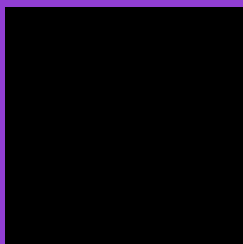
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1576, 14.1681, 63.0368

Background



This preview shows how black text looks on a background with the XYZ color 25.1576, 14.1681, 63.0368.



This preview shows how white text looks on a background with the XYZ color 25.1576, 14.1681,

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

25.1576, 14.1681, 63.0368

Protanopia

17.0171, 14.4090, 66.1743

Deuteranopia

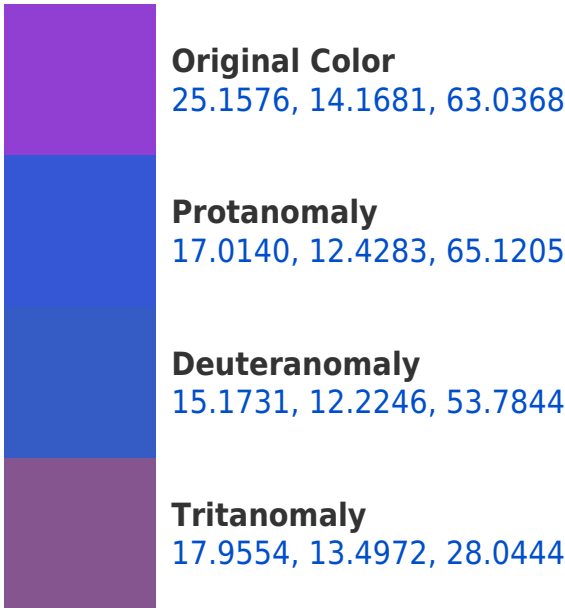
14.4397, 14.3560, 49.5869



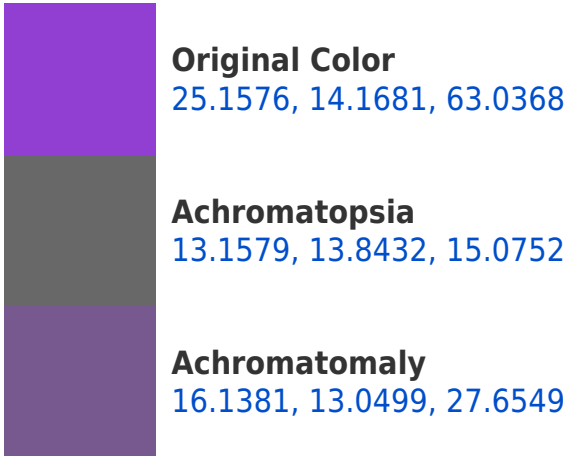
Tritanopia

15.5217, 14.1909, 15.2856

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1576, 14.1681, 63.0368 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(145, 62, 211) looks like.

```
.text, #text, p{  
    color:rgb(145, 62, 211)  
}
```

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(145, 62, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 62, 211) }
```

Border

The CSS property to change the border of an element to XYZ 25.1576, 14.1681, 63.0368 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(145, 62, 211) }
```


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

```
.border{ border-color:rgb(145, 62, 211) }
```

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

Here you see how a box with a 4 pixel rgb(145, 62, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 62, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 62, 211);  
box-shadow:4px 4px 4px 4px rgb(145, 62,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1576, 14.1681, 63.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 62, 211) }
```

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

```
.background{ background-color: rgb(145, 62,  
211) }
```

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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