

Converting Colors

XYZ(24.6323, 19.7561, 31.3476)

Have a look what the booklet for
XYZ(24.6323, 19.7561, 31.3476)
contains.

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Color

**XYZ(24.5637, 19.6782,
31.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6A96
RGB	157, 106, 150
RGB Percent	62%, 42%, 59%
CMY	0.3843, 0.5843, 0.4118
CMYK	0.00, 0.32, 0.04, 0.38
HSL	308°, 21%, 52%
HSV	308°, 32%, 62%
XYZ	24.5637, 19.6782, 31.3578
YIQ	126.2650, 16.2720, 24.4960

Conversions

Conversions Part 2

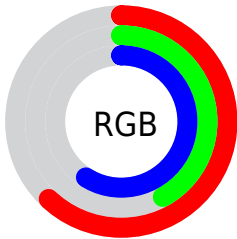
Format	Color
R _Y B	157, 106, 150
Decimal	10316438
CIE Lab	51.47, 27.66, -15.75
CIE LCh	51, 31.828, 330.348
Yxy	19.6782, 0.3249, 0.2603
Android (android.graphics.Color)	4288506518 (0xFF9D6A96)
YUV	126.2650, 11.7014, 26.9546
Hunter-Lab	44.3601, 21.2113, -10.8595

Details

The XYZ color **24.5637, 19.6782, 31.3578** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.9823, 28.3710, 19.9942**, and the grayscale version is **19.8794, 20.9147, 22.7761**.

A 20% lighter version of the original color is **50.2773, 42.8104, 62.7401**, and **9.5410, 6.8304, 12.6199** is the 20% darker color. If you saturate the color by 10%, you get **22.9197, 16.6651, 29.9616**, and if you desaturate by 10%, it is **26.5083, 23.2868, 32.8704**.

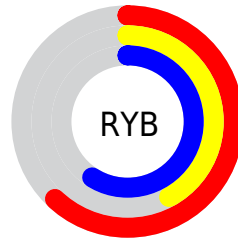
Distribution



Red (62%)

Green (42%)

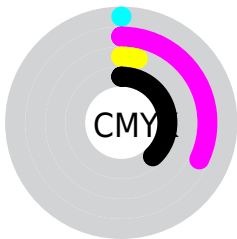
Blue (59%)



Red (62%)

Yellow (42%)

Blue (59%)

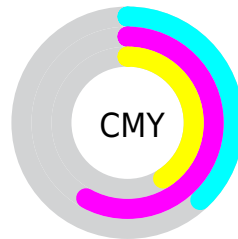


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (58%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5637, 19.6782, 31.3578 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 24.5637, 19.6782, 31.3578 by changing the saturation by 10% instead.

■ 24.5637, 19.6782,
31.3578

■ 24.5637, 19.6782,
31.3578

268.0460,
250.1677, 322.5854

■ 15.8793, 12.1613,
20.6107

■ 50.3965, 42.8770,
62.8891

■ 9.5291, 6.8537,
12.6513

■ 68.2757, 59.3277,
84.5104

■ 5.1477, 3.3707,
7.0610

■ 89.9504, 79.5252,
110.5936

■ 2.3698, 1.3282,
3.4212

■ 115.7862,
103.8538, 141.5570

■ 0.8300, 0.1629,
1.3135

146.1482,
132.6980, 177.8194

■ 0.0000, 0.0000,
0.0728

181.4020,

■ 0.0000, 0.0000,

166.4421, 219.7993

0.0000

221.9128,
205.4705, 267.9151

■ 24.5637, 19.6782,
31.3578

■ 24.5637, 19.6782,
31.3578

■ 22.9197, 16.6651,
29.9616

■ 26.5083, 23.2868,
32.8704

■ 21.5583, 14.2124,
28.6751

■ 28.7667, 27.5181,
34.5031

■ 20.4624, 12.2857,
27.4926

■ 31.3534, 32.4009,
36.2613

■ 19.6122, 10.8452,
26.4076

■ 34.2815, 37.9614,
38.1492

■ 18.9851, 9.8460,
25.4123

■ 37.5635, 44.2244,
40.1712

■ 18.5543, 9.2345,
24.4978

■ 41.2112, 51.2134,
42.3312

■ 18.3097, 8.9302,
23.8467

■ 45.2356, 58.9507,
44.6330

■ 49.6476, 67.4580,
47.0804

■ 54.4576, 76.7557,
49.6768

Harmonies

Analogous

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



21.9808, 19.6782, 40.4684



24.5637, 19.6782, 31.3578



25.5407, 19.6782, 21.3197

Triad

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



24.5637, 19.6782, 31.3578



18.6663, 19.6782, 8.2127



13.8890, 19.6782, 31.5965

Complementary

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



24.5637, 19.6782, 31.3578



20.9823, 28.3710, 19.9942

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.



13.2104, 19.6782, 21.5331



24.5637, 19.6782, 31.3578



15.7694, 19.6782, 9.5508

Square

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



24.5637, 19.6782, 31.3578



21.9090, 19.6782, 9.4887



13.8585, 19.6782, 13.8501



15.8270, 19.6782, 40.6316

Rectangle

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



24.5637, 19.6782, 31.3578



25.0721, 19.6782, 15.8745



13.8585, 19.6782, 13.8501



13.5166, 19.6782, 28.1415

Sweetspot

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



24.5643, 19.6791, 31.3582



52.5255, 51.1788, 62.4917



18.0251, 16.2409, 34.0835



11.4312, 11.0230, 13.6631



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.5643, 19.6791, 31.3582



41.7992, 31.2170, 54.3207



22.7419, 18.9501, 21.7617



6.8650, 6.7389, 8.1400



14.8807, 7.2568, 19.4204



0.2759, 0.1337, 0.3988

Inverse Universe

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



24.5643, 19.6791, 31.3582



41.7992, 31.2170, 54.3207



22.6108, 29.0224, 28.5697



6.8650, 6.7389, 8.1400



14.8807, 7.2568, 19.4204



0.2759, 0.1337, 0.3988

Previews

White Background



This preview shows how the XYZ color 24.5637, 19.6782, 31.3578 looks on a white background.

Color Contrast Check

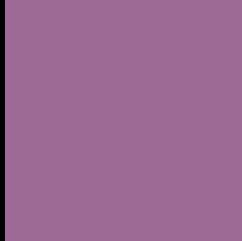
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5637, 19.6782, 31.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

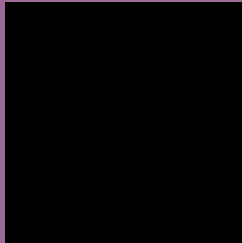
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5637, 19.6782, 31.3578

Background



This preview shows how black text looks on a background with the XYZ color 24.5637, 19.6782, 31.3578.



This preview shows how white text looks on a background with the XYZ color 24.5637, 19.6782,

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

24.5637, 19.6782, 31.3578

Protanopia

20.0746, 19.9370, 36.5084

Deuteranopia

20.1513, 19.7505, 30.3539



Tritanopia

22.3212, 19.7167, 20.3985

Trichromacy



Original Color

24.5637, 19.6782, 31.3578

Protanomaly

21.2333, 19.5143, 34.5458

Deuteranomaly

21.4677, 19.5505, 30.6591

Tritanomaly

22.9991, 19.6606, 24.0554

Monochromacy



Original Color

24.5637, 19.6782, 31.3578

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.2865, 20.2613, 25.7106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5637, 19.6782, 31.3578 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(157, 106, 150)` looks like.

```
.text, #text, p{  
    color:rgb(157, 106, 150)  
}
```

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(157, 106, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 106, 150) }
```

Border

The CSS property to change the border of an element to XYZ 24.5637, 19.6782, 31.3578 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(157, 106, 150) }
```


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

```
.border{ border-color:rgb(157, 106, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 106, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 106, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 106, 150);  
box-shadow:4px 4px 4px 4px rgb(157, 106,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5637, 19.6782, 31.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 106, 150) }
```

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

```
.background{ background-color: rgb(157,  
106, 150) }
```

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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