

Converting Colors

XYZ(24.4319, 19.5166, 24.9903)

Have a look what the booklet for
XYZ(24.4319, 19.5166, 24.9903)
contains.

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Color

**XYZ(24.3576, 19.4084,
25.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	A36886
RGB	163, 104, 134
RGB Percent	64%, 41%, 53%
CMY	0.3608, 0.5921, 0.4745
CMYK	0.00, 0.36, 0.18, 0.36
HSL	329°, 24%, 52%
HSV	329°, 36%, 64%
XYZ	24.3576, 19.4084, 25.0167
YIQ	125.0610, 25.5340, 21.8380

Conversions

Conversions Part 2

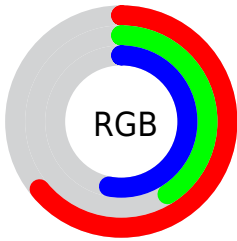
Format	Color
RYB	163, 104, 134
Decimal	10709126
CIELab	51.16, 28.10, -6.70
CIELCh	51, 28.889, 346.591
Yxy	19.4084, 0.3541, 0.2822
Android (android.graphics.Color)	4288899206 (0xFFA36886)
YUV	125.0610, 4.4069, 33.2725
Hunter-Lab	44.0550, 21.5949, -2.8295

Details

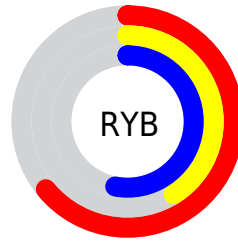
The XYZ color **24.3576, 19.4084, 25.0167** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.0405, 30.8313, 26.9283**, and the grayscale version is **19.4936, 20.5088, 22.3341**.

A 20% lighter version of the original color is **50.0715, 42.4249, 52.5635**, and **9.3968, 6.6875, 9.1830** is the 20% darker color. If you saturate the color by 10%, you get **22.3349, 16.2236, 21.6891**, and if you desaturate by 10%, it is **26.7409, 23.2462, 28.6739**.

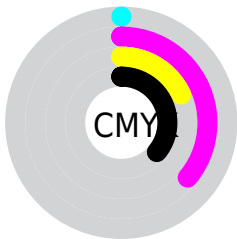
Distribution



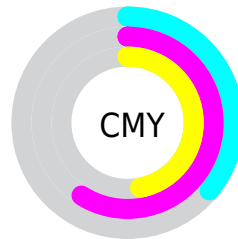
- Red (64%)
- Green (41%)
- Blue (53%)



- Red (64%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (36%)





- Cyan (36%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3576, 19.4084, 25.0167 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 24.3576, 19.4084, 25.0167 by changing the saturation by 10% instead.


 24.3576, 19.4084,
25.0167


 24.3576, 19.4084,
25.0167


267.0305,
248.6942, 291.3714


 15.7253, 11.9657,
15.8704


 50.0636, 42.4231,
52.6488


 9.4196, 6.7204,
9.2791


 67.8679, 58.7639,
71.9716

 5.0751, 3.2878,
4.8244

 89.4603, 78.8395,
95.5236

 2.3266, 1.2838,
2.0877

 115.2061,
103.0344, 123.7235

 0.8082, 0.1286,
0.6084

145.4707,
131.7329, 156.9896

 0.0000, 0.0000,
0.0000

180.6193,

165.3195, 195.7407

221.0175,
204.1784, 240.3951

■ 24.3576, 19.4084,
25.0167

■ 24.3576, 19.4084,
25.0167

■ 22.3349, 16.2236,
21.6891

■ 26.7409, 23.2462,
28.6739

■ 20.6519, 13.6521,
18.6788

■ 29.5009, 27.7684,
32.6698

■ 19.2879, 11.6538,
15.9744


■ 32.6547, 33.0076,
37.0147


■ 18.2193, 10.1831,
13.5631


■ 36.2178, 38.9936,
41.7180

■ 17.4186, 9.1869,
11.4306


■ 40.2050, 45.7543,
46.7886


 16.8484, 8.5919,
9.5591

 44.6301, 53.3164,
52.2351

 16.6609, 8.4092,
8.9038

 49.5065, 61.7050,
58.0659

 54.8468, 70.9445,
64.2888

 60.6633, 81.0580,
70.9118

Harmonies

Analogous

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



22.7570, 19.4084, 33.9717



24.3576, 19.4084, 25.0167



24.2622, 19.4084, 16.9304

Triad

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



24.3576, 19.4084, 25.0167



16.9147, 19.4084, 9.3097



14.9062, 19.4084, 34.8309

Complementary

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



24.3576, 19.4084, 25.0167



23.0405, 30.8313, 26.9283

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.



13.6444, 19.4084, 25.9780



24.3576, 19.4084, 25.0167



14.7189, 19.4084, 12.0202

Square

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



24.3576, 19.4084, 25.0167



19.7577, 19.4084, 9.1788



13.5796, 19.4084, 17.6726



17.1958, 19.4084, 40.5536

Rectangle

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



24.3576, 19.4084, 25.0167



23.2461, 19.4084, 13.0369



13.5796, 19.4084, 17.6726



14.3587, 19.4084, 32.0323

Sweetspot

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



24.3582, 19.4093, 25.0171



55.5621, 54.2489, 62.3125



21.1587, 17.4933, 36.9118



12.3180, 11.9169, 13.7727



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.3582, 19.4093, 25.0171



40.8115, 30.3195, 40.2189



22.6042, 18.7077, 15.7808



7.2170, 7.1433, 8.1291



12.9716, 6.5447, 7.0411



0.2964, 0.1470, 0.2734

Inverse Universe

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



24.3582, 19.4093, 25.0171



40.8115, 30.3195, 40.2189



25.3297, 31.7470, 38.9830



7.2170, 7.1433, 8.1291



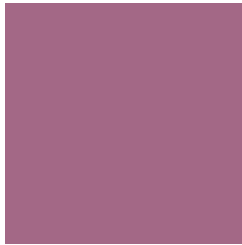
12.9716, 6.5447, 7.0411



0.2964, 0.1470, 0.2734

Previews

White Background



This preview shows how the XYZ color 24.3576, 19.4084, 25.0167 looks on a white background.

Color Contrast Check

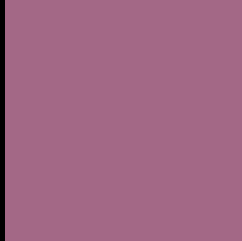
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3576, 19.4084, 25.0167 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 24.3576, 19.4084, 25.0167

Background



This preview shows how black text looks on a background with the XYZ color 24.3576, 19.4084, 25.0167.



This preview shows how white text looks on a background with the XYZ color 24.3576, 19.4084,

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

24.3576, 19.4084, 25.0167

Protanopia

19.2843, 19.5010, 29.5357

Deuteranopia

19.8995, 19.5782, 24.2029



Tritanopia

23.0501, 19.3303, 18.7359

Trichromacy



Original Color

24.3576, 19.4084, 25.0167

Protanomaly

20.7700, 19.2529, 27.8208

Deuteranomaly

21.3375, 19.4514, 24.4597

Tritanomaly

23.5672, 19.3946, 20.9138

Monochromacy



Original Color

24.3576, 19.4084, 25.0167

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.9050, 19.7701, 23.1363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3576, 19.4084, 25.0167 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(163, 104, 134)` looks like.

```
.text, #text, p{  
    color:rgb(163, 104, 134)  
}
```

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(163, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 104, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.3576, 19.4084, 25.0167 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(163, 104, 134) }
```


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

```
.border{ border-color:rgb(163, 104, 134) }
```

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

Here you see how a box with a 4 pixel rgb(163, 104, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 104, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 104, 134);  
box-shadow:4px 4px 4px 4px rgb(163, 104,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3576, 19.4084, 25.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 104, 134) }
```

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

```
.background{ background-color: rgb(163,  
104, 134) }
```

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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