

Converting Colors

XYZ(25.4070, 19.6138, 24.7797)

Have a look what the booklet for
XYZ(25.4070, 19.6138, 24.7797)
contains.

XYZ(25.3472, 19.6312, 24.6436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3472, 19.6312,
24.6436)**

Conversions

Conversions Part 1

Format	Color
Hex	A96685
RGB	169, 102, 133
RGB Percent	66%, 40%, 52%
CMY	0.3373, 0.6000, 0.4784
CMYK	0.00, 0.40, 0.21, 0.34
HSL	332°, 28%, 53%
HSV	332°, 40%, 66%
XYZ	25.3472, 19.6312, 24.6436
YIQ	125.5670, 29.9810, 23.8450

Conversions

Conversions Part 2

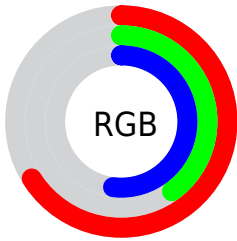
Format	Color
RYB	169, 102, 133
Decimal	11101829
CIELab	51.42, 31.24, -5.65
CIELCh	51, 31.748, 349.756
Yxy	19.6312, 0.3641, 0.2820
Android (android.graphics.Color)	4289291909 (0xFFA96685)
YUV	125.5670, 3.6645, 38.0907
Hunter-Lab	44.3071, 24.5788, -1.9621

Details

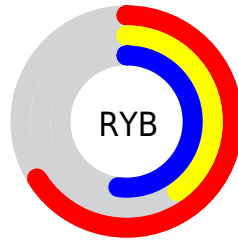
The XYZ color **25.3472, 19.6312, 24.6436** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.2558, 33.0362, 29.1445**, and the grayscale version is **19.6657, 20.6899, 22.5313**.

A 20% lighter version of the original color is **51.4699, 42.6639, 51.9766**, and **9.9436, 6.8311, 9.1820** is the 20% darker color. If you saturate the color by 10%, you get **23.2520, 16.4017, 20.9825**, and if you desaturate by 10%, it is **27.8364, 23.5614, 28.7041**.

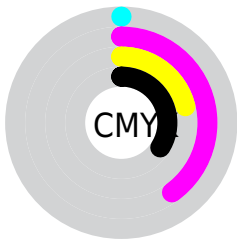
Distribution



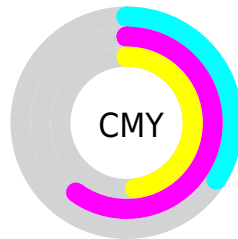
- Red (66%)
- Green (40%)
- Blue (52%)



- Red (66%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (34%)





- Cyan (34%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3472, 19.6312, 24.6436 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 25.3472, 19.6312, 24.6436 by changing the saturation by 10% instead.


 25.3472, 19.6312,
24.6436


 25.3472, 19.6312,
24.6436


271.8785,
249.9115, 289.4490


 16.4660, 12.1272,
15.5951


 51.6588, 42.7980,
52.0354


 9.9475, 6.8304,
9.0869


 69.8199, 59.2296,
71.2158

 5.4261, 3.3563,
4.7003


 91.8050, 79.4059,
94.6105

 2.5367, 1.3204,
2.0169

 117.9795,
103.7113, 122.6382

 0.9138, 0.1569,
0.5656

148.7088,
132.5302, 155.7174

 0.0000, 0.0000,
0.0000

184.3581,

166.2469, 194.2665

225.2929,
205.2459, 238.7042

■ 25.3472, 19.6312,
24.6436

■ 25.3472, 19.6312,
24.6436

■ 23.2520, 16.4017,
20.9825

■ 27.8364, 23.5614,
28.7041

■ 21.5270, 13.8281,
17.7055

■ 30.7381, 28.2280,
33.1760

■ 20.1484, 11.8650,
14.7979


■ 34.0717, 33.6675,
38.0724

■ 19.0885, 10.4594,
12.2431

■ 37.8550, 39.9132,
43.4051


■ 18.3154, 9.5497,
10.0229


■ 42.1044, 46.9965,
49.1857


 17.7625, 9.0056,
8.1069

 46.8358, 54.9470,
55.4249

 17.7442, 8.9879,
8.0431

 52.0641, 63.7930,
62.1335

 57.8038, 73.5612,
69.3215

 64.0684, 84.2776,
76.9989

Harmonies

Analogous

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



23.7270, 19.6312, 34.8044



25.3472, 19.6312, 24.6436



25.0266, 19.6312, 15.9846

Triad

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



25.3472, 19.6312, 24.6436



16.6671, 19.6312, 8.7655



14.9802, 19.6312, 37.7249

Complementary

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



25.3472, 19.6312, 24.6436



24.2558, 33.0362, 29.1445

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.



13.4747, 19.6312, 27.8587



25.3472, 19.6312, 24.6436



14.3693, 19.6312, 11.9390

Square

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



25.3472, 19.6312, 24.6436



19.7677, 19.6312, 8.3571



13.2646, 19.6312, 18.4091



17.5923, 19.6312, 43.6581

Rectangle

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



25.3472, 19.6312, 24.6436



23.7663, 19.6312, 12.0167



13.2646, 19.6312, 18.4091



14.3412, 19.6312, 34.6464

Sweetspot

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



25.3478, 19.6321, 24.6440



59.4089, 57.6550, 65.8559



22.3508, 17.7489, 39.7842



12.7850, 12.2988, 14.1153



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.3478, 19.6321, 24.6440



41.9125, 29.7843, 38.0671



23.7350, 19.3430, 15.0541



7.6701, 7.5979, 8.5799



13.2511, 6.7092, 6.1341



0.3484, 0.1736, 0.2862

Inverse Universe

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



25.3478, 19.6321, 24.6440



41.9125, 29.7843, 38.0671



26.4176, 33.2418, 42.5603



7.6701, 7.5979, 8.5799



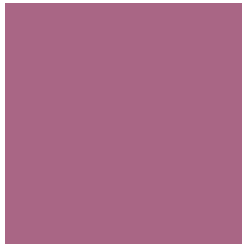
13.2511, 6.7092, 6.1341



0.3484, 0.1736, 0.2862

Previews

White Background



This preview shows how the XYZ color 25.3472, 19.6312, 24.6436 looks on a white background.

Color Contrast Check

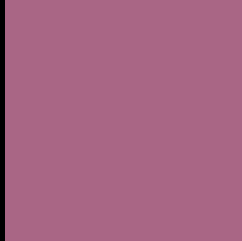
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3472, 19.6312, 24.6436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

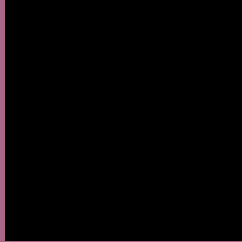
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3472, 19.6312, 24.6436

Background



This preview shows how black text looks on a background with the XYZ color 25.3472, 19.6312, 24.6436.



This preview shows how white text looks on a background with the XYZ color 25.3472, 19.6312,

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

25.3472, 19.6312, 24.6436

Protanopia

19.6191, 19.8459, 29.9907

Deuteranopia

20.1418, 19.7109, 23.8621



Tritanopia

24.0710, 19.7158, 18.1596

Trichromacy



Original Color

25.3472, 19.6312, 24.6436

Protanomaly

21.2550, 19.5029, 27.8435

Deuteranomaly

21.6789, 19.4687, 24.0880

Tritanomaly

24.5902, 19.7840, 20.2920

Monochromacy



Original Color

25.3472, 19.6312, 24.6436

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.4791, 20.0583, 23.5085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3472, 19.6312, 24.6436 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(169, 102, 133)` looks like.

```
.text, #text, p{  
    color:rgb(169, 102, 133)  
}
```

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(169, 102, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 102, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.3472, 19.6312, 24.6436 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(169, 102, 133) }
```


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

```
.border{ border-color:rgb(169, 102, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 102, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 102, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 102, 133);  
box-shadow:4px 4px 4px 4px rgb(169, 102,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3472, 19.6312, 24.6436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 102, 133) }
```

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

```
.background{ background-color: rgb(169,  
102, 133) }
```

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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