

Converting Colors

XYZ(24.9831, 19.6941, 16.5309)

Have a look what the booklet for
XYZ(24.9831, 19.6941, 16.5309)
contains.

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Color

**XYZ(24.8608, 19.5629,
16.3756)**

Conversions

Conversions Part 1

Format	Color
Hex	AE666B
RGB	174, 102, 107
RGB Percent	68%, 40%, 42%
CMY	0.3176, 0.6000, 0.5804
CMYK	0.00, 0.41, 0.39, 0.32
HSL	356°, 31%, 54%
HSV	356°, 41%, 68%
XYZ	24.8608, 19.5629, 16.3756
YIQ	124.0980, 41.3070, 16.8190

Conversions

Conversions Part 2

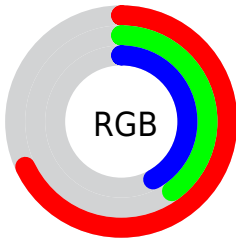
Format	Color
RYB	174, 102, 107
Decimal	11429483
CIELab	51.34, 29.51, 9.74
CIELCh	51, 31.074, 18.273
Yxy	19.5629, 0.4089, 0.3218
Android (android.graphics.Color)	4289619563 (0xFFAE666B)
YUV	124.0980, -8.4293, 43.7641
Hunter-Lab	44.2300, 22.9289, 9.0096

Details

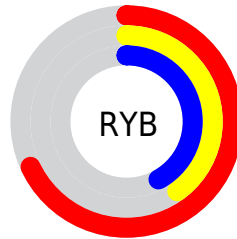
The XYZ color **24.8608, 19.5629, 16.3756** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.7779, 35.9620, 43.0154**, and the grayscale version is **19.2089, 20.2092, 22.0078**.

A 20% lighter version of the original color is **50.6822, 42.5687, 37.8931**, and **9.6965, 6.7944, 5.0754** is the 20% darker color. If you saturate the color by 10%, you get **22.5531, 16.1856, 11.7896**, and if you desaturate by 10%, it is **27.6880, 23.7237, 21.9222**.

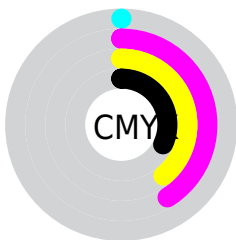
Distribution



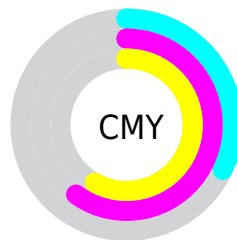
- Red (68%)
- Green (40%)
- Blue (42%)



- Red (68%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (39%)
- Black (32%)





- Cyan (32%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8608, 19.5629, 16.3756 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 24.8608, 19.5629, 16.3756 by changing the saturation by 10% instead.


 24.8608, 19.5629,
16.3756

 24.8608, 19.5629,
16.3756


269.5044,
249.5389, 243.4689


 16.1016, 12.0777,
9.6331


 50.8758, 42.6831,
38.0249


 9.6873, 6.7966,
5.0540


 68.8623, 59.0870,
53.7687

 5.2528, 3.3352,
2.2197

 90.6553, 79.2325,
73.3501

 2.4326, 1.3092,
0.6857

 116.6201,
103.5040, 97.1876

 0.8614, 0.1483,
0.0000

147.1220,
132.2861, 125.6996

 0.0000, 0.0000,
0.0000

182.5265,

165.9630, 159.3048

223.1988,
204.9191, 198.4217

■ 24.8608, 19.5629,
16.3756

■ 24.8608, 19.5629,
16.3756

■ 22.5531, 16.1856,
11.7896

■ 27.6880, 23.7237,
21.9222

■ 20.7318, 13.5401,
8.1087

■ 31.0620, 28.7099,
28.4785

■ 19.3624, 11.5730,
5.2730


■ 35.0101, 34.5635,
36.0918


■ 18.4052, 10.2225,
3.2153


■ 39.5574, 41.3232,
44.8057


■ 17.8134, 9.4152,
1.8580

■ 44.7274, 49.0251,
54.6616

 17.5225, 9.0254,
1.1688

 50.5423, 57.7035,
65.6988

 57.0233, 67.3909,
77.9546

 64.1906, 78.1182,
91.4647

 70.9028, 87.5936,
105.8763

Harmonies

Analogous

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



25.0756, 19.5629, 24.9696



24.8608, 19.5629, 16.3756



22.8588, 19.5629, 10.9162

Triad

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



24.8608, 19.5629, 16.3756



14.4836, 19.5629, 11.8245



17.4063, 19.5629, 42.8187

Complementary

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



24.8608, 19.5629, 16.3756



27.7779, 35.9620, 43.0154

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.



14.8956, 19.5629, 36.7846



24.8608, 19.5629, 16.3756



13.3382, 19.5629, 18.0100

Square

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



24.8608, 19.5629, 16.3756



16.7837, 19.5629, 8.8378



13.4801, 19.5629, 27.1258



20.5299, 19.5629, 42.0188

Rectangle

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



24.8608, 19.5629, 16.3756



20.8935, 19.5629, 9.0355



13.4801, 19.5629, 27.1258



16.4696, 19.5629, 41.4665

Sweetspot

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



24.8613, 19.5639, 16.3760



62.8654, 61.7455, 64.2375



28.5404, 20.8845, 42.5714



13.7600, 13.4082, 13.8687



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.8613, 19.5639, 16.3760



41.0937, 29.6284, 21.7548



28.1058, 26.4614, 16.1977



8.0270, 8.0240, 8.4528



12.7179, 6.5497, 0.8938



0.3609, 0.1851, 0.0624

Inverse Universe

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



24.8613, 19.5639, 16.3760



41.0937, 29.6284, 21.7548



23.0936, 25.8282, 43.8127



8.0270, 8.0240, 8.4528



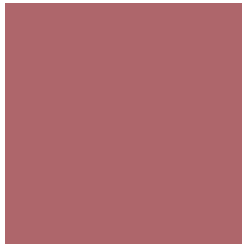
12.7179, 6.5497, 0.8938



0.3609, 0.1851, 0.0624

Previews

White Background



This preview shows how the XYZ color 24.8608, 19.5629, 16.3756 looks on a white background.

Color Contrast Check

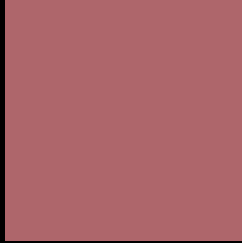
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8608, 19.5629, 16.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

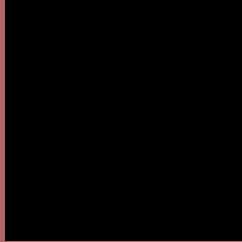
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8608, 19.5629, 16.3756

Background



This preview shows how black text looks on a background with the XYZ color 24.8608, 19.5629, 16.3756.



This preview shows how white text looks on a background with the XYZ color 24.8608, 19.5629,

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

24.8608, 19.5629, 16.3756

Protanopia

18.8337, 19.6627, 19.9422

Deuteranopia

19.9616, 19.6191, 15.8315



Tritanopia

24.9672, 19.6055, 16.9363

Trichromacy



Original Color

24.8608, 19.5629, 16.3756

Protanomaly

20.4957, 19.3160, 18.5677

Deuteranomaly

21.4808, 19.3806, 15.9733

Tritanomaly

24.9137, 19.5841, 16.6544

Monochromacy



Original Color

24.8608, 19.5629, 16.3756

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.6707, 19.5496, 19.8235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8608, 19.5629, 16.3756 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(174, 102, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 102, 107)  
}
```

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(174, 102, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 102, 107) }
```

Border

The CSS property to change the border of an element to XYZ 24.8608, 19.5629, 16.3756 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(174, 102, 107) }
```


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

```
.border{ border-color:rgb(174, 102, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 102, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 102, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 102, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 102,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8608, 19.5629, 16.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 102, 107) }
```

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

```
.background{ background-color: rgb(174,  
102, 107) }
```

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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